Modular settings and ‘Creative Light’: The legacy of Adolphe Appia in the digital age

ABSTRACT

Adolphe Appia is one of the main protagonists, whose work – at the turn of the nineteenth/twentieth century – mark the beginning of modern scenography. This article discusses the main features and artistic strategies of his innovations, in particular: (a) modularity, i.e. the replacement of the co-ordinations of linear perspective by a modular concept of space (the use of practicables, staircases, screens and other moveable elements that became active parts of the performance) and (b) an innovative use of light, based on a new electrical lightening system. The principle of modular composition and – for the first time in theatre history – the use of light as a co-player and active agent in Appia’s scenography seem to precede what we today explore as characteristics of the digital. Contemporary scenographers still refer to Appia’s heritage. My example here is Operation: Orfeo by the Danish Artist Group Hotel Pro Forma. This production, as the article suggests, can be analysed as an artistic re-interpretation and re-envisioning of what Appia in his time had developed as a modular, pre-digital aesthetics.

KEYWORDS

digital performance, digital images media archaeology iconoclasm light; electric light, light as an artistic element material movability modularity scenic modules perception, shifts of visual perception scenic experience
Appia’s legacy and the digital age: An introduction

Since the beginning of the twentieth century, there have been numerous innovations of technology and new media at almost regular intervals: cinema, radio, television and video, followed by the almost global triumphant success of the computer and the digital turn around the new millennium. One of the key innovations for the theatre has been that taking place with regard to lighting technology. Its significance for modern and contemporary theatre scenography cannot be overrated: over the centuries, stages were lit using candles, oil lamps or gaslights. Then, at the start of the twentieth century, electric lighting technologies and, in the second half of the century, the new electronic lighting systems have opened up possibilities that were not achievable before. With the new technologies, the aesthetics and artistic ways of expressing theatre – and especially the visual concepts of the theatre – have been changed radically.

The beginnings of modern theatre in its dialogue with new technology – hand-in-hand with the emergence of modern scenography – are prominently connected with the name of Adolphe Appia. The collaboration of this Swiss-born theatre reformer with his artistic partner Émile Jaques-Dalcroze at the festival theatre of Dresden–Hellerau (Festspielhaus Hellerau), only a few years before the First World War, signals a turning point in theatre history. The history of modern scenography begins with an iconoclasm and a change of how we see images. From this point on, the linear perspective of the traditional stage was rejected as an optical illusion – as a two-dimensional concept of visual representation, which does not support but hinder the living presence of the performer. Appia replaced the co-ordination of linear perspective with a modular concept of space (using practicables); in other words, he created dynamic spaces that could interact with the movements of the performer (‘rhythmic space’). Another key innovation was his novel use of light, based on a new electric lighting system. This system, invented by Alexander von Salzmann, for the first time allowed an indirect (and steerable) lighting. Based on this innovation, and according to Appia’s artistic demands, light could used in a ‘creative’ manner and became visible as an expressive element and a ‘co-player’. The use of lighting, as it was rehearsed and presented in Hellerau, did not just light framed pictures but created complex and dynamic visual phenomena based on modular composition. This implied a new concept of visibility, an early shift from representational aesthetics to more performative concepts of art. In the eyes of their contemporaries, the aesthetic effect must have been overwhelming. The two Hellerau performances of Orpheus (1912 and 1913, based on the opera by Christoph Willibald Gluck) caused a furore; in these performances, the space of the stage, as one observer reported, became ‘something unname-able’ (Buber 1970: 81). In front of the audience’s eyes, the performers’ bodies and the material elements onstage were transformed (and almost virtualized) by the atmospheres and movements of an ever-changing ‘performing’ light.

Appia’s new formulation of theatre lighting has been highly influential, and is one that theatre artists such as Robert Wilson still draw on today (Beacham 2006: 333–67). Despite the lasting importance of Appia’s ideas, the place that he worked at – the Festival Theatre in Hellerau – became more and more a ruin in the decades following this notable period in the history of
theatre. Only recently was the building renovated and, in 2006, it was reopened as a theatre where one can perform. Since then, it has hosted such artists and companies as the Forsythe Company, Anne Teresa de Keersmaker/Rosas, Heiner Goebbels and many others. In the recent theatre history of the Festspielhaus, one of the highlights, though, was perhaps the guest performance by the Danish artistic group Hotel Pro Forma. The group performed their production *Operation: Orfeo* – a variation of the Orpheus theme – which premiered in 1993 and has been touring worldwide since. The distinctive feature of this production is that – although many artists refer to Appia in one way or another – there is an almost explicit reference to his legacy. When the production that was worked out in 2007 was staged at Hellerau in 2009, the performance became a homage to Appia’s and Dalcroze’s legendary *Orpheus und Eurydike* production nearly a century before. Then, the rigorously poetic light images were presented for the first time to a fascinated audience and, with this, the mediatisation of the theatre was thereby promoted in a quite long-term and sustainable manner. Hotel Pro Forma’s production, created many years later at the group’s studio in Copenhagen, at this historical site also turned into a reflection – and revision – of the artistic legacy left behind by Appia.

This article uses the Hotel Pro Forma production *Operation: Orfeo* in order to pursue the matter of Appia’s legacy. In this context, it is significant, in my opinion, to have a look at the hypothesis formulated by, amongst others, Steve Dixon that art in the age of electronic media does in no way operate without any historical prerequisites (Dixon 2007: 40). According to Dixon, the beginnings of a ‘genealogy of digital performance’, with reference to the Bauhaus and the Futurists as well as Appia, are located in the so-called historic avant-garde in Europe of the early twentieth century:

> Digital performance is an extension of a continuing history of the adoption and adaptation of technologies to increase performance and visual art’s aesthetic effect and sense of spectacle, its emotional and sensorial impact, its play of meanings and symbolic associations, and its intellectual power

(Dixon 2007: 40).

As a consequence, in order to discuss theatre practice in the (supposedly global) media age, it is not only necessary to have an interest in the new, but also in the ‘media archaeology’, within which one can research and clearly label which technical structures and aesthetic figurations from earlier times our digital culture has already taken on and updated under new conditions. With regard to such ‘media archaeology’, this article aims to do two things: Firstly, I briefly summarize the most important formal solutions with which Appia in his day revolutionized scenography. These are (1) the modularization of the stage regarding all material elements of the production, and (2) the introduction of ‘creative’ light. In the second part of the article, I argue that these principles are also constitutive in Hotel Pro Forma’s *Operation: Orfeo*. Still, the production is not so much an Appia reminiscence as a critical reinterpretation and artistic commentary on his legacy with the experiences of our current media culture. What, then, are the prerequisites that Appia created in relation to the ever increasing mediatisation of theatre in the twentieth century, and what value do his – at the time – innovative reforms and visions have today, in the theatre of the digital age?
A BRIEF LOOK AT HISTORY: MODERN SCENOGRAPHY AND PRE-DIGITAL PERFORMANCE

Looking back at the performance of *Orpheus* in the summer of 1913, the American author Upton Sinclair remembered many years later how deeply impressed he was by this production, during which – within the interplay of the flowing, atmospheric light of the room and the rhythmic movements of the protagonists – ‘they wove patterns as intricate as the music [. . .]. Beautiful designs were brought before the eye’ (Sinclair 1940: 5). Numerous further statements by members of the audience – contained in letters, essays and critical reviews – underscored that Appia’s productions – which he worked on together with the rhythm and movement teacher Jaques-Dalcroze as well as students of his institute – were perceived as being a new form of theatre, evoking completely new experiences for the senses. ‘It is an amalgamation of music, of the plastic senses and light as I have never experienced it before’, wrote Paul Claudel in a letter to a friend living in France, ‘the painted canvases, the props, all of the laughable weight of the old theatre are swept away’ (in Beacham 2006: 152).

Adolphe Appia’s reforms were directed first against the ‘visual fraud’ of the perspective illusion of the scenic stage with its painted decoration. In his theatre experiments as well as in a series of theoretical theatre-related essays, he was looking for new solutions, and, we might say that his work started with an iconoclasm. By rejecting the traditional proscenium stage theatre with its rake and portal frame, he aimed at reorganizing not only the acoustic, but also – and particularly – the visual elements of theatre.

‘A living space for living beings’: Visual concept and scenic principles

In his programme of reform, Appia insisted that a new concept of space was necessary for the theatre. In critical examinations of the static, two-dimensional representation of the traditional proscenium stage, he comprehended space as being – in line with the scientific insights of his time – a multidimensional and dynamic phenomenon and not as ‘given’. With this in mind, Appia strived for ‘a living space for living beings’ and dreamed that its ‘material movability’ could become as dynamic – ‘fluid’, as he called it – as the score of a musical composition. All of this, for Appia, is possible,

only through the renunciation of the so-called scenic delusion ( . . . ). As the borders of the images and paintings do not have to conform to their demands anymore, they can now do justice to demands of a much higher level ( . . . ) and, if necessary, can develop a material mobility which can keep up with the score. (in Beacham 2006: 96)

The key to this concept, as he clearly pointed out in his essay ‘Die Musik und die Inszenierung’ (1899 – ‘Music and Production’), are (1) rhythmics, i.e. music and rhythm are elevated to a ‘principle of order’ (ibid., 71), that organizes all participating elements and actors within the spatial and temporal process, and (2) the light that Appia explicitly elevated to an ‘element of expression’ (ibid., 97); systematically he analysed its ‘shaping power’ that dynamizes the space and the staging process. In tune with this new understanding, Appia designed theatre not as a representation but rather as a process. The ground-breaking development for the theatre was therefore a performativ
Modular settings and ‘Creative Light’: The legacy of Adolphe Appia in the digital age

Figure 1: Richard Beacham presenting his 3-D reconstruction of the Festival Theatre’s Great Hall at the Conference ‘Theatre without Vanishing Points’, Hellerau (2007). © Gabriele Gorgas, Dresden.

aesthetic that combined mobile stage elements, spatially rhythmic movement and, above all, an innovative and deliberate design-oriented use of light in ‘scenic modules’.

Light in performance: Hellerau innovations

When the building of the Festspielhaus Hellerau was designed in the early 1910s (by Heinrich Tessenow), Adolphe Appia was closely involved. The most significant innovation of the festival theatre was perhaps the unprecedented lighting system that Alexander von Salzmann developed for the large hall (Heinold and Großer 2007: 281–84). This installation, which has been described numerous times in research undertaken (and recently virtually reconstructed by the British Appia specialist Richard Beacham at the Visualization Lab of King’s College London, see Figure 1), allowed, for the first time, an indirect (and at the same time ingeniously steerable) lighting. On the ceiling of the hall and the walls there were thousands of light bulbs and spotlights hidden behind large translucent white canvases; as von Salzmann noted, the hall was transformed into a single huge ‘body of lighting’ (Heinold and Großer 2007: 283).

It was the German-Jewish philosopher Martin Buber who, in an article in a Hellerau programme booklet, described the new light and its effects on space, its materiality and atmosphere as follows:

This space [the Hellerau Great Hall] is technically constructed out of two elements: the substrata underlying the transformations and the changing agent. The substrata are a few simple grey planes and paths of material that border and articulate the stage. The agent is the diffuse light that does not stream forth sporadically, like the usual spot-light, but spreads uniformly over great surfaces through great periods of time.

4 ‘In order to use digital technology to evoke some suggestion of ‘Living Light’, we designed a virtual lighting interface which enabled us to create and manipulate the lighting of the virtual Hellerau hall and stage sets in a manner based directly upon the technical capacities and quality of the original lighting rig’, Beacham: ‘Thinking with Things, Speaking with Spaces: The Enduring Legacy and Lessons of Appia’s “Expressive Elements” in the Digital Age’, in: Brandstetter, Wiens (in press).
Through the variability of the lighting, the substrata can be conducted through all grades of materiality. The material can appear now soft, now hard, now flat, now round. With its change changes the image of the space that alters the light from a narrow one to one that opens into the infinite, from one clear in all points to one mysteriously vibrating, from one signifying only itself to one intimating the unnameable. But it is itself something unnameable, this space. It is shaped by a principle whose name we do not yet know and of which we know only a symbol drawn from the senses: the creative light.\(^5\)

All through Appia’s own writings, one can see that for him light – specifically the new possibilities that electric light allowed – was not just something purely technical but rather, and foremost, a key function in an aesthetic manner. Almost systematically, he explored the performativity of light: ‘The light must be just as active as the actors are’ (in Lazarowiz and Balme 1991: 439). In his theoretical drafts, Appia differentiated between two types of light: the ‘distributed light’ that brings about a general brightness and the – much more important than this – ‘creating light’ (in Beacham 2006: 98). Appia assigns light, as already mentioned, a ‘capability of showing expression’. So that it can unfold its potential, even though invisible, it needs to have ‘obstacles’: not painted canvases and screens, but rather bodies and objects, in the sense of building blocks, moveable modules, with which the light can write at the same time – Sceno-Graphy. The result is a modular space, which becomes visible within the waves of the electric light. During Appia’s and Jaques-Dalcroze’s milestone productions of Orpheus (1912/13) these spaces emerged as luminous events, or – to use the sorts of terms adopted in theatre studies – ‘performative spaces’ (Fischer-Lichte 2008: 24ff.).

Hotel Pro Forma: staging Orpheus in the digital age

‘Appia gave me the courage to do what I have done. For all of us in the modern theatre he is very important’, Robert Wilson once said (Linders 2006: 7) – and this statement may be just as true for Hotel Pro Forma. The artistic director of this group, Kirsten Dehlholm, was quite bluntly coined the ‘Danish twin’ of the renowned American director, stage and light artist during the early phase of the group at the start of the 1980s (Theil et al. 2003: 10). In contrast to Wilson, though, Dehlholm always looks for new and different venues and places of performance, which can be theatre spaces, museums, factory buildings or other public spaces of all kinds. ‘Hotel Pro Forma’, the name of the artistic group, stands for a theatre that defines itself as ‘nomadic’ – that means it is always on the move, even when it comes to its forms and means. This work corresponds to basic scenographic research; it explores – almost in a systematic manner – how spatial image questions the possibilities and potentials that open up under the conditions of electronic media, digitization and globally connected communication.\(^6\) In a few projects, Hotel Pro Forma goes above and beyond the European scenographic tradition in that it delves into the comprehension of images and space of other cultures (for example, Asian or Arabic understandings). The motto ‘Performance as investigation of the world’ is hereby programmatic (Dehlholm in Theil et al. 2003: 99–171). Operation : Orfeo, on the other hand, is one of the few works of the group that has been created for the traditional proscenium theatre, or – as Kirsten Dehlholm has formulated it – for the ‘enemy camp’ (Dehlholm in Theil et al. 2003: 22). It

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5 Martin Buber: ‘Das Raumproblem der Bühne’ (1913); enlg. transl. cited from Friedmann (1970), 81f. For an insightful discussion and historic contextualization of Buber’s article see Freddie Rokem’s upcoming article: ‘Continuity and Disruption: Martin Buber, Hellerau and “The Space Problem in the Theatre”’, in: Brandstetter, Wiens (in press).

6 For Hotel Pro Forma’s work, the space (not a dramatic text) is always the starting point: ‘The spaces exist. Or we find them. Or they are given to us. Here the performances begins, or the idea of performance’, Kirsten Dehlholm, cited from Theil et al. (2003), 11.
was here – the premiere was in the Aarhus Concert Hall in 1993 – of all places that Dehlholm staged a reflection on Appia. Not that a revival of the traditional stage setting and the ‘scenic illusion’ was intended, and the production also did not end up providing a simple tribute to the spaces of Appia. What resulted, as I want to point out in the following, was something more – the third aspect so to speak: a production that confronts theatre, in revision of both traditional as well as modern scenography, with the new visual cultures of the digital image and electronic communication.

‘Operation: Orfeo’ – a modular composition

Operation: Orfeo, following of the Appia production, adopts the Orpheus theme: the love for a dead person, the path into the underworld. However, as one can already deduce from the title, the theatregoer should not expect a conventional complete staging of the opera by Monteverdi or Gluck. Dehlholm’s Orpheus variation – conceptually seen a ‘Visual Opera in Three Movements’ – can be best described form-wise as a visual and musical mesh. This special construction as a ‘meshwork’ pertains firstly to the production’s musical aspect: The predominant part of the composition – presented by a vocal ensemble and a soloist as a capella singing throughout – encompasses in an alternating manner composition pieces by John Cage and Bo Holten with a libretto by Ib Michael. Only at one point of the entire eighty minutes of this theatre evening can one hear an aria from Gluck’s Orpheus and Eurydice. Most notable, though, is what the visual aspect of the production presents itself as during the performance: as a flowing, a constantly transforming mesh. The stage, designed by Maja Ravn and with Jesper Kongshaug’s elaborate light concept, shows clear references to Appia’s stairs and abstract basic forms as well as the even more significant ‘creative light’ for the modulation of plasticity and atmosphere. With Appia’s production, though, the scenic event was the dance of the bodies and the dynamic elements that took place within open space that was only framed by the boundaries of the stage itself and ‘through the way in which it takes place’ (Buber). In contrast, Dehlholm, Ravn and Kongshaug, in their version, place it decidedly on a single visual plane: Operation: Orfeo, composed of ‘scenic modules’, takes place on a stage that reminds one of a flat, upfront computer screen: This screen becomes the operating table and a precarious system where figures and things appear, disappear, come to life but stay out of reach: Eurydice’s evocation, so to speak, takes place in front of a computer. The surface of the screen turns into the space of a passage, the supposed screen becomes a threshold on which the story of Orpheus and Eurydice takes place in an ever-changing flow of images. The images that appear and disappear remind one of low-resolution digital images. In fact, they are composed of physical materials that, through the light, obtain an almost virtual quality. A moving mosaic is what this narrative technique could be called – presenting a modularized story, and what is told is ‘not a story, but precisely a movement’ (Dehlholm in Theil 2003: 118).

The movement, at just that threshold between life and death, between visibility and invisibility, takes place in three phases: (1) ‘Darkness – Descent’, the descent into the underworld; (2) ‘Clair Obscur – Ascent’, return journey through the land of shadow; and (3) ‘Light – Remembrance’, awareness of the loss and the setting in of remembering. In the first phase, at the beginning of Orpheus’ search, the passage space in which the action starts is framed by a brightly lit frame (Figure 2). The choir, consisting of thirteen singers as well as a dancer, starts to group itself in changing formations on the steeply inclined
white steps that go up and up; seemingly these steps lead into eternity. All of the figures wear dark blue uniform costumes without any gender features. Even by the way in which they act and perform, one cannot tell the choir and the dancer apart. Each and every one is Orpheus and also Eurydice. Their movements are extremely formalized – the changing constellations and placements are carried into one’s view as, so to speak, graphisms, as patterns and pictorial signs that in the very next moment are covered by others. Sometimes, in an almost camouflage-like manner, figures seem to nearly disappear before they reappear and, differently again, become visible.

The light takes on a variety of functions here. As already mentioned, it marks the ‘screen’ at the very start by using a lit frame – a demarcation that soon fades after the opening scenes. The picture is opened up on the sides and it now becomes a type of ‘screen’ on which the interplay between the figures, things, light movements and the view of the audience – the image as a lit-up, moving process, now appears. In addition, the performativity of the light then allows the now appearing visual ‘meshwork’ to be modelled – almost like a moving mosaic – and in this way it is kept flowing (Figure 3). Thereby light brings forth, with the help of its spectrum of colours, a variety of atmospheres and emotional values (Figure 4). Changing intensities of light and dark also evoke distances and shadowy depth effects. In one moment, the image can appear to be spatially open, that there is never-ending space to the rear, and, in the next moment, it is flat and two-dimensional: an optical trick (Figure 5).

It is a fragile game between visibility and invisibility, presence and absence, with which ‘Orfeo’ appears on this seemingly opaque surface. As already mentioned, a motion, not a story, is recounted. In addition, this flow of visual elements, gestures, light and sounds remains deliberately manifold as these are coordinated but not based on each other: ‘coordinated but not synchronized’
Modular settings and ‘Creative Light’: The legacy of Adolphe Appia in the digital age

as Dehlholm remarks (ibid.). In summary, one can say that Dehlholm, Ravn and Kongshaug evoke this ‘digital’ effect through theatric means – and with the described usage of light – and a nearly virtual space is thereby created. The materiality of the theatric modules is almost completely transcended so that the images which appear seem to be as virtual as a computer image on which
Eurydike, and her husband Orpheus, appear and disappear in constant motion. In a very abstract manner, the story of constant searching, finding but also loss is being told through these image sequences.

**Appearing/disappearing: the stage as a space of passage**

...She is just a drowned dancer/among manywho have forsaken choreography/and have entered into silencewhere the sunlight sails/on a film of mineral salts

(...)

You can see her face/submerged in the mirror's silvering once morethe drowned one turns away from yousinking to a point of darkness...

(Michael 1993)

Hotel Pro Forma’s visual narration comes close to an evocation – to be more exact: an evocation of something or someone who is absent, the dead Eurydice, not only through music, but primarily through the desire to see, through viewing (an act that the Orpheus saga actually forbids). Towards the finale of the production, this whole process culminates in the experience of image loss: here, there is a moment when the images leave the screen, when suddenly a green laser light is beamed into the last rows of the audience area, encompassing those seated and immersing them under an undulant surface of light (Figure 6). Then everything goes dark; what remains after this moment is only fog; what is left is only memory.

(... eternal this die is/heavy with eyes and dumbness/your body a stone/thrown after her image/as the circles reach the outermost ring’, goes the libretto (Michael 1993). In fact, it is not only the light – in its playfulness with
Modular settings and ‘Creative Light’: The legacy of Adolphe Appia in the digital age

Figure 6: Operation: Orfeo, final scene. © Hotel Pro Forma, Copenhagen/Photographer: Roberto Fortuna, Reprint by kind permission.

the physical elements – that brings forth the images in wave motion. It is also the perception of the onlooker, their desire to view and the views that they emanate, that they ‘throw out’, that brings these forth. They are as images that appear as silhouettes on a glittery surface ‘where the sunlight sails/on a film of mineral salts’. One could say that the images have, to a large extent, lost their portrayal as well as their referential functions: ‘the work has no meaning, without that necessarily implying that the work is meaningless’, wrote the theatre critic Per Theil about Operation: Orfeo (Theil et al. 2003: 23). However, this much the work does express: light and our active perception are necessary so that images are remembered and also appear as such. In addition – and this carries the production to its extremes – the living image in the theatre is, as Auslander (1999) points out in his contribution to the intensive debate on the differentiation between ‘live performance’ and mediatised phenomena, not only ‘live’ but always already mediatised within the play of the life-giving ‘creative light’. This image culture that culminates with the virtual, completely disembodied images of digital media contains not only life but also – as told in a different manner by the story of Orpheus – always moments of uncatchability and loss.

SCENOGRAPHY AND THE PERFORMATIVITY OF LIGHT – CLOSING REMARKS

For Appia, as we have seen in the first part of this article, ‘creative light’, in his sense, was an artistic means to create ‘a living space for living beings’. He enthusiastically celebrated the new potentials and possibilities of technical innovation during his day and age – electric light. Hotel Pro Forma, as discussed
in the second part of the article, proposes something different: that the interpretation of light – the lights of the electronic and digital media – has become a phenomenon that is much more ambivalent. Whereas the moving images of the Hellerau Orpheus celebrated 'living art', the visual concept of Hotel Pro Forma’s Operation: Orfeo seems much more to express a conflict by shifting between 'live' and 'mediatised', between life and death, which – according to their interpretation – are mutually dependant.

As the analyses in this article have furthermore shown, in both examples, there is a certain tendency to delegate the responsibility of what he/she sees to the viewer. Appia, in the time he was actively working, already proclaimed the 'liberation' of the audience from passive viewing and called for 'a new kind of seeing' and for active participation: 'The staging as such is nothing. It is the audience that creates it and thereby stimulates and determines the dramatic production' (in Beacham 2006: 324). In the age of digital media, active participation (or even 'interactivity') has become a well-established new paradigm. The notions of active participation and interactivity, with regard to theatre, are widely debated (Dixon 2007: 559ff.). Without a doubt, though, the experiences that artists and audiences make with the computer or with digital media on an everyday level also forms their behaviour and visual perception within the context of theatre. Whether we want to or not, we make many decisions and choices every day in front of the computer and we often forget that in the electronic light one can only see that what can be digitized and saved. Before images, text and signs appear on a surface, numerous operations must be made: We choose and select which images or content should be called up (and so remembered and kept alive in the virtual sense). Digital images, as they have become omnipresent in our culture and are globally disseminated at this stage, change our perception and view on things – and possibly, also our way of thinking – this also being a topic in Operation: Orfeo. Even if we have become used to it, there is (still) a certain unease as these images are immaterial and adhere to codes. The digital image is troublesome because it ‘does not represent the real, it simulates it. It does not leave any visual traces, one cannot view a recording of something (…), rather it produces a logical, mathematical model that does to a lesser extent describe the phenomenal side of reality but rather the laws that it is subject to’ (Edmond Couchot in Schwarz 2004: 168). Certainly not all phenomena of human life – and definitely not dying and death – adhere to this logic: The dancing atoms and components that make up life cannot be translated into digital codes and control panels.

Hotel Pro Forma’s production Operation: Orfeo, as we have seen, uses the theatre to highlight the ambiguities of digital images. In addition to this, it also seems to reflect the historical prerequisites of the digital in a media archaeological manner by referring to the ‘discovery’ of the cultural technique of modularization. In Appia’s time, in the wake of the new scientific insights and findings, and before the gruesome and disillusioning experiences that will be made in both world wars, there was hope for progress, democratization and social change, which was celebrated in the glow of the just invented electric light. Appia’s concept must be seen in this context. Different to this are the scenographic works of Hotel Pro Forma almost a hundred years later: the modular principle, which in the meantime became fully implemented in many artistic and social fields, is reflected in Operation: Orfeo – as an ambiguous principle, that, on the one hand, organizes the ‘living space for living beings’ and, on the other, makes them calculable (Figure 7). In the electronic light of a computerized world – as Hotel Pro Forma has shown us – the shortcomings of this
principle can also be experienced, at the very end of the production – at that moment when Eurydice’s image is lost and the ‘operating table’ implodes so that only fog remains. Appia’s legacy, with all that he achieved for our contemporary theatre, also – and with this I will conclude – at the same time contains ambivalent aspects whose problems are only becoming clear and recognizable in the current digital culture.

REFERENCES


Schwarz, Hans-Peter (ed.) (2004), *Produktionsweisen* (Yearbook University of the Arts Zurich), Zurich: ZHdK.


Sinclair, Upton (1940), *World’s End*, New York: The Literary Guild of America Inc.

Theil, Per, Dehlholm, Kirsten, Qvorrup, Lars, and Fortuna, Roberto (eds.) (2003), *Hotel Pro Forma. The Double Staging: Space and Performance*, Copenhagen: The Danish Architectural Press.

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Modular settings and ‘Creative Light’: The legacy of Adolphe Appia in the digital age


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CONTENTS

Editorial

3–6 Alternative Materialities: Scenography in Digital Performance
NICK HUNT

Articles

7–24 The philosophy and psychology of the scenographic house in multimedia theatre
STEVE DIXON

25–40 Modular settings and ‘Creative Light’: The legacy of Adolphe Appia in the digital age
BIRGIT WIENS

41–48 The digital platform for costume design communication
ADELE KEELEY

49–60 Creating new spaces: Dancing in a telematic world
PAULINE BROOKS

61–76 Physicality: The techne of the physical in interactive digital performance
JULIE WILSON-BOKOWIEC

77–90 Resisting the lure of the screen
NICK MORAN

91–110 Moveable worlds/Digital scenographies
JOHANNES BIRRINGER

111–124 From social network to urban intervention: On the scenographies of flash mobs and urban swarms
THEA BREJZEK

Reviews

