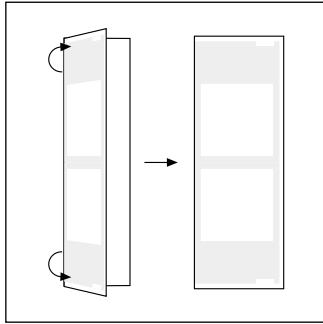
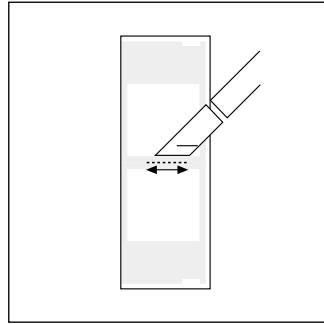


1:

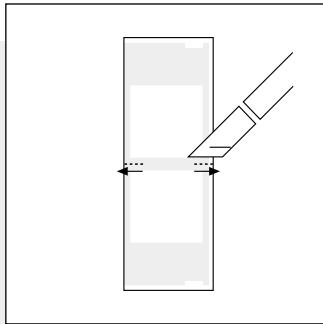


2:

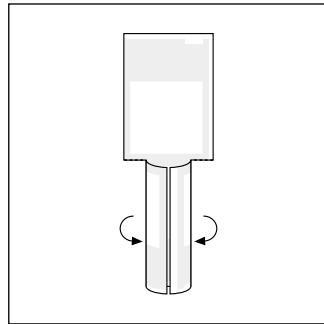


## Construction

3:



4:



1:

First, fold each sheet in half along the vertical axis.

2:

Using a craft knife or scalpel, cut a horizontal slot along the centre dotted line of the first sheet. (pages 1/2/7/8)

3:

Then cut along the dotted lines on all the other sheets. Make sure to cut to the very edges of the paper.

4:

Stack the folded sheets in ascending order with the even numbers at the top. Curl the bottom half of the second page (pages 3/4/11/12).

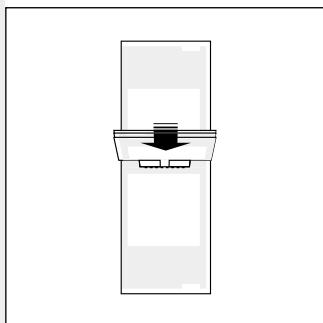
5:

Thread the curled page through the centre slot of the first page. Repeat this process with the third (pages 5/6/9/10) with the even pages in ascending order.

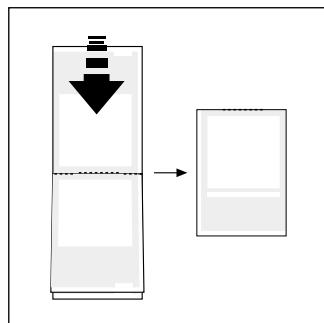
6:

When all the pages have been threaded through, check the pagination. Finally, fold the booklets in half along the horizontal axis.

5:



6:



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to draw a map, is that physical markers are socially selected, depending upon a choice being made by the maker or definer, they give differential prominence, a preferential reading of the world. Maps are far from innocent mirrors of the world; they tell us as much about their makers and their clients as of the worlds they claim to represent. Physical maps, it turns out, may not be a good place to start to find out about space and place. What then of the most sneaky and mistrusted maps of all: political maps? Political maps contain traces and residues of social struggles; politics is, in part, about a struggle to sustain sovereign territory. Political maps are about formal social relations fixed through alliance and agreement; this is the evidence that we see on maps. Maps are then used as tools with which to discipline land users and to define transgressors. Political maps – all maps - are about wishes and desires; it's clear that they do not reflect the messiness of real life; we might better see them as a struggle to bring the world in line with the map rather than vice versa.

Perhaps we should not begin with the notion of spaces as grid squares to locate, and to be filled up, or places to draw lines around. We should begin with people and activities and how they make spaces and places through action and interaction. We can hold on to one aspect of the political map version of space in the sense that we all practice our space in different ways, and thus constitute its, and our, spatial identities in different ways. So, our starting point should be an expectation to see *spaces*, not space. Each space is the result of actions, movements and interactions; our attempts to share and express, as well as to contest place and meaning.

It is not only that space is multiple; nor, that it is practised from within. We must further explore how space is also crossed and transgressed, how it is radically open to an 'outside', or an 'Other' (although, looked from this perspective, the Other is no longer 'alien', rather they are a 'natural' part). Thus, spaces must be about travelling and movement, about leaving and returning, longing and belonging; they are about social networks. Consider the issue of openness; here we have to deal with the subtle interactions of

A good place to begin might be with the re-examination of the idea of space. At first, nothing seems simpler: describe and represent the world through its physical markers. The problem, familiar to anyone who has tried

Both the visible ironaries of oblique speech, as well as its current manifestations, work with an implicit mind that consists of a series of dualities: mind-body, off-on line, where identity and place have a double role, unity and stable meanings, is there another way of thinking about this problem? This is not a practice line a different mode of thinking about this problem. This is not a practice in idealism, as if simply thinking differently changed things. It is a material act; one based upon matter and materiality; if we would only open our eyes to see them. The starting point is to widen space for absolute, pre-deter- al. We need to understand technology not as silver bullets, but as provi- sional, contextually formed and socially forming. We should also see identities as situationally constructed; made through interaction, whether or not off-line, in the sense of being presented in differ- ent ways in different times, places and social settings. Hopefully, we can pull away from the utilitarian dualisms and determinisms that press down upon us from journalism and the everyday taken for granted.

## HYBRID, OR LIQUID, SPACES

line transactiosn, information and service delivery, there is parallel a sub-stream that disinvestsment in offline resources. Thus, the offline world is hit with a double exclusion if you haven't got a bank account, let alone a computer, you cannot hope to benefit from the internet revolution. The notes and coins, cash-based, material economy is becoming a strange sort of ghetto, one unmet need in urban neighbourhoods; to cash a benefit cheque or visit into one of the middle class suburbs, on the fly itself; places where a premium is set upon face to face customer support.

It's space Jim, but  
not as we know it.

# Andy C Pratt

Why should we worry about representations of space in science fiction? Writers such as Gibson have been employed by technology, and software companies to advise on product design, to help to shape our material worlds. Moreover, the circulation of cyberspace and associated ideas has flowed into a wider circle of designers and users of related products. An example of how a good idea can't be kept down? Maybe, but my concern here is to suggest that we are working with an improved version of other possibilities, as well as avoiding some of the negative aspects of ordinary space.

In these novels characters use a prosthetic interface to 'jack in' to cyberspace. Characters in a no-place, a virtual reality everyday, where there are no limits to possibility and new rules. A plot about the consequences of new worlds; this time the new world is not just another planet, but quite specific itself.

In these technological convolutions it is tempting to imagine an end to space and time, instead we could envisage an arrow constantly pointing in a non-space-every-space. This vision is strongly indexical, but also and, WAP-enabled, mobile telephone are emblematic, more so than mobile computing, because they are structured around about continuous interaction and in that they are more closely integrated with the body, continuity being drawn on a materialised version of science fiction: notably that of the cyberpunk genre; particularly that found in William Gibson's *Neuromancer*, and Neal Stephenson's *Snow Crash*.



## ပေါက်မြန်မာ

This publication is one of a series commissioned by Proodosis inside the landscape & identity. The books explore how issues of new urbanism and technology affect our perception of other societies and cultures. The LIT Books and Creative Labs investigate themes such as memory, language, narrative and territory. The books will be available to download and print out. Under no circumstances should any user version of this publication be sold by any third party without prior permission to print in writing from the publisher.

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LANDSCAPE & IDENTITY; LANGUAGE & TERRITORY; GEOGRAPHY;

## **ORDINARY BODIES, ORDINARY SPACES, ORDINARY IDENTITIES**

What is ordinary space? 'Space' as a concept is so banal that we seldom think about it. However, a moment's reflection alerts us to the surprising fact that we have constructed a vast array of means to impose meaning on space, and, that it has no intrinsic meaning: it is a blank. So, we use measurements to define space, we adopt physical markers, then we attempt to attach meaning. Thus, within ordinary space, space is merged with measurement: measurement of size, and the determination of location. As is well known, the familiar grid of the map and the lines of latitude and longitude are an artifice. However, they enable us to conceptualise location in a shared framework: so, two people who have never visited a point on the earth can agree on co-ordinates and meet there. The problem is that these technologies of location and mapping have come to represent the world

Integral to ordinary space are a commonly linked set of assumptions about identity that are fixed and unitary in their nature (just like those manifest in the pre-digital world). Unless we are suffering from a 'bi-polar disorder' then we have a single identity that remains more or less fixed through life. Moreover, this identity is linked to, and bounded by, the bodies that we inhabit; consider the disdain linked to those professing 'out of body experiences'. These notions of body and identity commonly spill over into the physical spaces that we inhabit. So, places have boundaries, they can be delimited and described, and they have unitary and relatively stable 'characters'. So strong is this notion that the description may flow from place to bodies, as well as from bodies to place. The place is a sum of the local, regional or national character; and vice versa, that place 'makes' people a particular way. This latter version has a long history that is collectively termed environmental determinism. Modern, urban, versions will be familiar to all ranging from a socio-spatial pathology to normalisation. An example of the former are the 'bad parts of town' that criminals or otherwise socially undesirables, as determined by the speaker, come from; an example of

Above all, we need to boldly go and explore the new space and practice casting aside the assumptions of space that we have misused for so long. Instead, we need to pay attention to both the practices and the conflicts and hybrid nature of space, place and identity making.

Let's now return to the cyberspaces as described by noveltists, and that are assumed in many technologies. What is this space, and why should we be concerned by the representations of it? The initial idea of cyberspace was literally a non-space, the imaginary place where, for example, phone conversations exists. Cyberspace writers modelled this (phone(y) space with virtual reality and thus opened up the idea that this imaginary space could be occupied by virtual creations. Perhaps the most evocative of which are the digital simulacrum of people that Stargate fans famously share.

terised as Avatars. The new space re-named as far away lands, words; spaces that other writers re-named as far away lands, worlds; similar in the crucial sense: that whatever weird and wonderful creatures inhabit them, they generally accord to school textbook geometry revisions of space.

Despite the trivially infinite possibilities it still could have been imagined for such a new space as it is disappearing to discover that, on closer inspection, the new space is very much like the old space. Cyberspace is located in a grid, or a matrix, and hence constitutes absolute spaces, defined, just like the grid reference of a map. This is the world accordinging to the result trying digital binary of either/or, not the creative possibility of hybridisation, like the interpretation that takes place within them, by an implicit set of rules and assumptions.

CYBER-SPACES: LIBERATION, OR THE SAME OLD DUALISMS?

The letter is the notion of the lettering space contained within or outside of the city square. These notions of ordinary space are constituted by ideas of stability and control. In contrast and a strong differentiation from outside-outside, belonging-not. It is not surprising that there is juxtaposition to movement outside; those in transit are outside the norm, and labeled as migrants who transgress boundaries. Ideas of ordinary space could be considered as a normalizing regime that encourages designers, and users of technologies and places, to adopt conformity, as well as pathologising difference, plurality and fluidity.

Technological changes have opened up possibilities for many that has led to a trend to move toward services and resources, so we have travelled more, and demanded goods to travel further to us. We have also established more diverse and eccentric social networks. These in turn have generated more travel congestion and pollution to maintain them. This is a modality that is based upon the assumption of movement and travel. As we noted above; the economic rationality of such a system is the concentration of key resources in a few places.

The problem is for those who cannot travel, and / or access on-line services. They will quickly become lost in the sea of connectivity, interaction and travel; one in which they cannot swim. The issue is not one of 'only connect'. Everyday life is about struggling, usually on foot or by public transport, to maintain connections of basic resources that get harder to obtain and retain. Characteristically, the poorer and more socially disadvantaged have to work far harder at making all sorts of connections, all of the time. It would be a relief not to have to make another connection in order to obtain basic resources. Thus, the challenge is a social-spatial one more than a technical one; however, the technical dependency that we have in large part chosen has shaped this problem.

We need to attend to the relationships between the connected and unconnected worlds, both within our lives, and across those of others. The hard work of building social relations for all entails more than 'jacking in'. We also need to recognise the diversity of trans-localism and trans-local identities. It is of course a deceit to assume that the current 'wired generation' are the first to explore this, or indeed are the best equipped to deal with it. Trans-localism has existed for as long as migration created diasporas; the means of managing, and oftentimes failing to manage, social relations across time and space that have developed in Diaspora communities, as well as the significant practices of social connection and identity, would repay re-examination in this context.

At first sight cyberspace is a place of liberation from all of the limitations, the material and immaterial shackles and chains, of everyday life. It would seem that cyberspace is the antithesis of normalisation. First the material constraints, this is the much trumpeted 'death of distance' allegedly afforded the new technology user. Users need no longer shift their material bodies through time and space to meet with others, they can simply 'connect' via digital transfer at the push of a button.

But, there is strangely contradictory evidence of this 'death of distance'. The fact that we are travelling more than ever, in fact as an exemplar of those who are perhaps most likely to be part of the 'wired society', the international business executive, within the next period of the next 15 years it is forecast that total air traffic will double. This may be because of the 'bandwidth deficit' that makes email or even video conferencing a poor substitute for interaction In Real Life (IRL). Technologically, we are a long way from a 100% bandwidth that would require complete virtual co-presence, or teleporting. It could be argued that technologies have progressively reduced the bandwidth deficit: from telex, to telegraph, landline to fax, and video-conferencing to steaming video. However, it seems that not only does face-to-face communication continue to be popular, but it is more popular than ever. Web designers and internet developers, surely the archetypal wired generation, still group together in physical proximity in the open plan lofts within a few blocks of one another in areas of San Francisco, New York and London.

There is an irony in the fact that our obsession with cyberspace has been elevated by the convergence of mobile telephony and the internet. If connection was all then we should never want to leave home: the death of distance hypothesis. It seems that the opposite is closer to the truth: more connectivity means even more going out and meeting: hyper-mobility rather than stasis.

Our networks, that is our traces of movement and connectivity sketch footprints on the world such that we may become, earthing points, for interactivity; drawing in other spaces and places and linking our own inside out. Such an idea has radical implications for making places and marking identity. If we accept the description of the new spaces of practice that are opened up through a broader appreciation of space-time, and the hybridisation of the previously assumed binaries of communication and movement, then we are faced with a number of challenges. We have built and managed people to move little and interact more strongly in the local areas and have sought to deliver services and jobs to people, in turn this has encouraged people to move lots of absolute speed, when a relative notion is more accurate. So, driven by the assumed integrity of ordinary spaces we thus build strong local identities.

NEW CHALLENGES FOR NEW SPACES

immediately, space, time and movement. When we move from one place, A, to another, B, we carry with us a version, C. However, we long for A, not B. We suddenly discover that we never go home, to A. To cope with this loss we might try to replicate A in B, this is perhaps A3. Meanwhile we may share with others who also left A, a common A1 yearning for what is real enough to form a political or social movement around. This A1 has been termed, third space, this hybrid space is a more complex and, I think, a more interesting and challenging notion of cyberspace than the matteries and grids of science fiction. We might think of folding these notions of third space, work and leisure and internet into them; added to which we also may homes, work and leisure and email routine of how we stretch our stretch parts of ourselves across space via a telephone or email converter, tion whilst still occupying a particular physical space.

The debate over the potential of the Internet to transform society has been shaped by two main concerns: the issue of connectivity and the issue of content. The former refers to the fact that the Internet has made it easier for people to connect with each other, while the latter refers to the fact that the Internet has provided a platform for the spread of information and ideas. These two issues have led to a range of different responses from different groups, from those who see the Internet as a tool for social change to those who see it as a threat to traditional institutions.

However, it must be pointed out that we do have a corporal existence, one that is gendered, classed, aged and ethnically differentiated in a particular social and spatial setting. Thus, identity is a corporeal issue, not simply something abstract and amorphous. This, in turn, has implications for the way we live and how we live. Whether, New, identities relate back to who we are and how we experience the world around us. Similarly, some of the early electronic commenters saw online communities as a salvation for democracy; it would recreate a new and safe place to colonise where the troubles of the world could be left aside. However, critics of this form of online life, the elective community, have pointed out that however one defines com- munity, it usually involves commitment and engagement with a structure, found, group in a particular place, not simply in elective. Making social relations, and making identities, is hard work, if you disagree you can't sim- ply log-off, you have to stay around to deal with the consequences.