

# SEJARAH ARSITEKTUR MODERN

Week 10

# Postmodernism

- Pemutusan hubungan total dari ke-modern-an?
- Koreksi dari aspek-aspek tertentu dari ke-modern-an?
- Bentuk radikal dari ke-modern-an?
- Ke-modern-an yang sadar diri?
- Satu tahap yang belum selesai dari modernism?

(Sugiharto, 1996)

# Modernism in Architecture

Modernism :

- ❑ Ekspresi & teknologi
- ❑ Kesetaraan sosial

Kostof , 1995:

- Memenuhi kebutuhan akan rekonstruksi kota, hunian, dan fasilitas lainnya secara cepat
- Konsep kota ideal

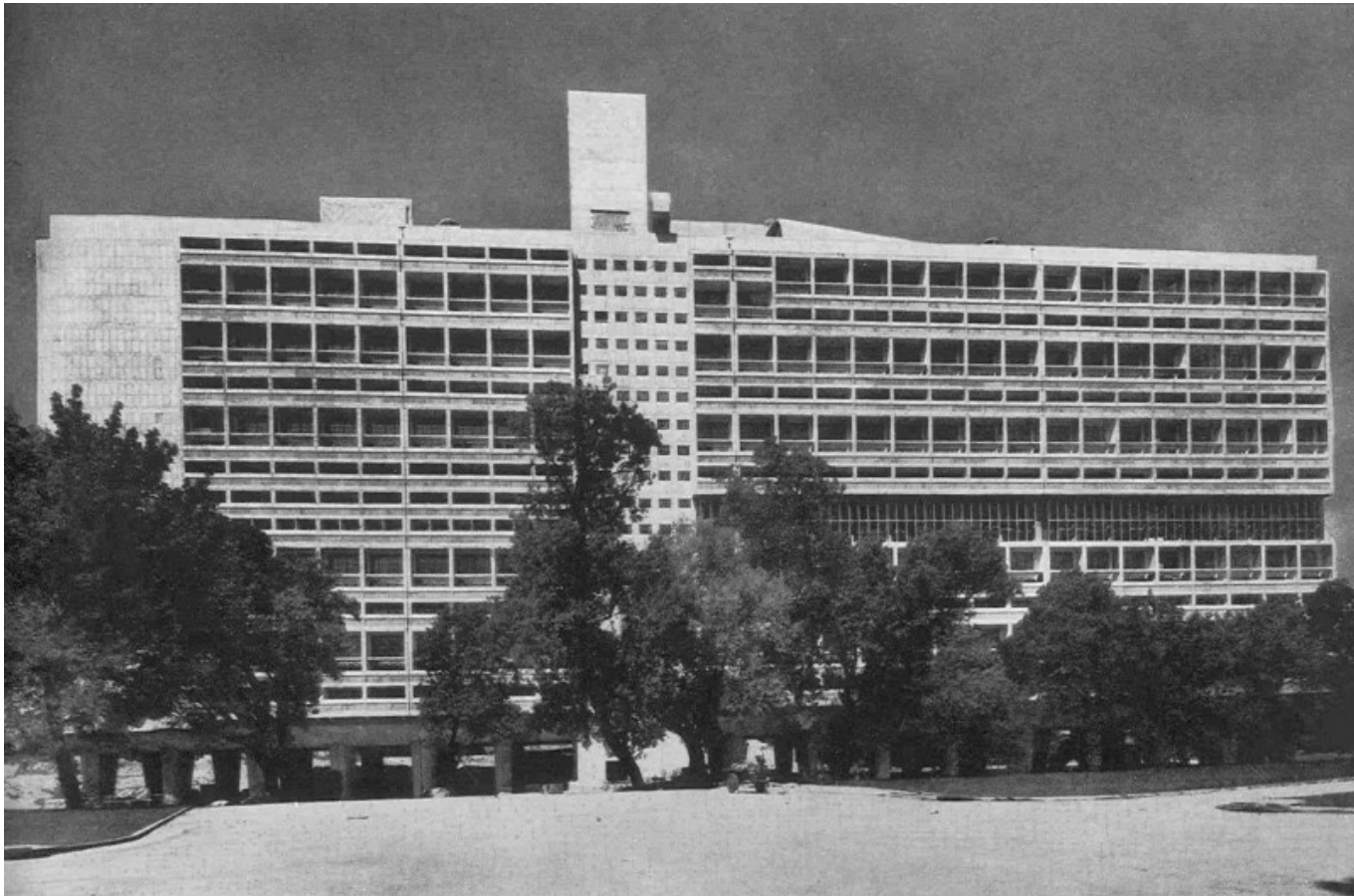
# Modernism in Architecture

Millais, 2009:

- Designing was based on function
- Decoration was wrong
- Previous designs has no value
- Roofs should be flat
- Walls should be glazed
- Inside and outside should be linked or even united
- Plan should be flexible
- Materials should be 'honest'
- Structure should be expressed
- Modern technology should be implemented

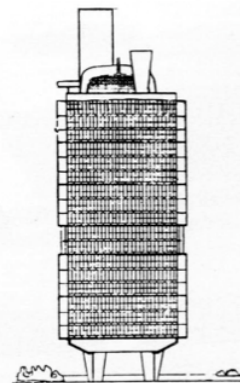
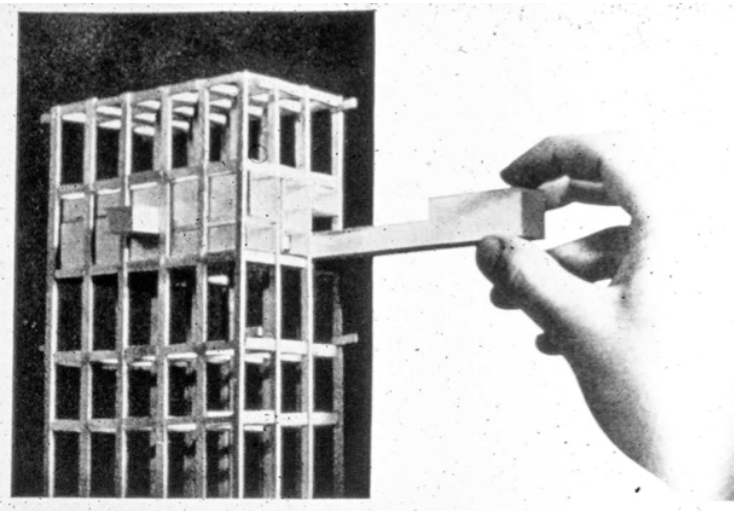
# Modernism in Architecture

- Unite d' Habitation, Marseille (1947-1952)

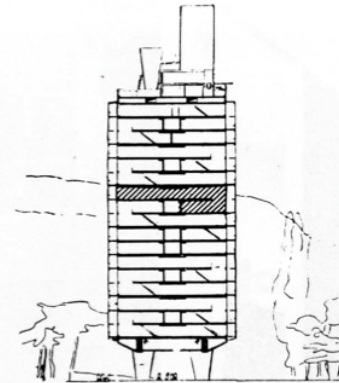


# Modernism in Architecture

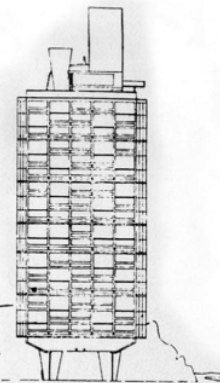
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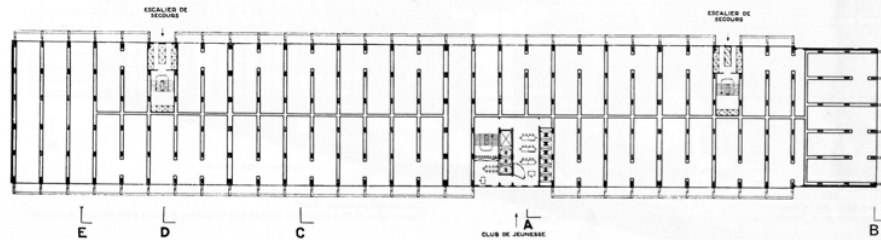
La façade nord  
North elevation



La coupe  
Section

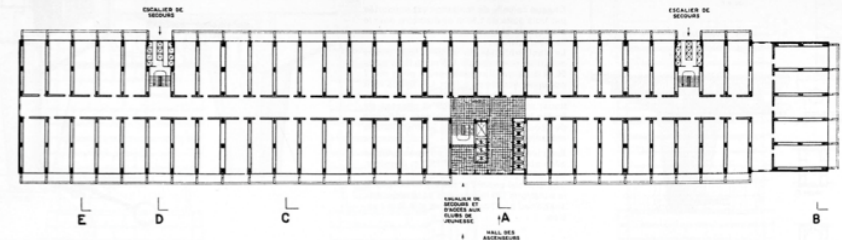


La façade sud  
South elevation



Étage courant d'appartements  
Niveau inférieur. Le plan du niveau supérieur est analogue. Les salles libres en dessous et au-dessus des halls d'arrêt des ascenseurs sont utilisées comme clubs de jeunesse (deux clubs pour chaque étage courant d'appartements; neuf clubs dans l'immeuble)

Typical floor of apartments  
Lower level. Analogous to the upper level. The free spaces above and below the elevator lobbies are used as youth clubs



Étage courant d'appartements  
Niveau de la rue intérieure. Chaque étage courant d'appartements comporte trois niveaux. La rue intérieure se trouve au niveau intermédiaire. Chaque appartement comporte deux niveaux et occupe une travée au niveau de la rue intérieure, et une, deux ou trois travées du niveau supérieur ou inférieur

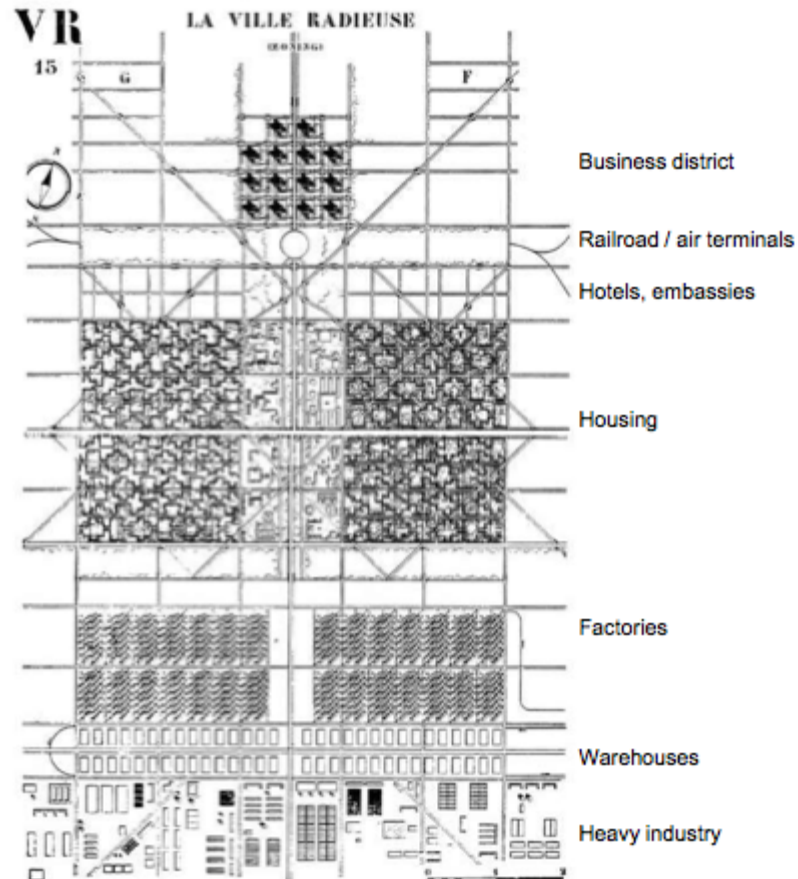
Typical floor of apartments  
An internal street level. Each floor of apartments is made up of three levels. The internal street is on the middle level. Each apartment is on two levels, occupying one bay at internal street level and one, two, or three bays at an upper or lower level

# Modernism in Architecture

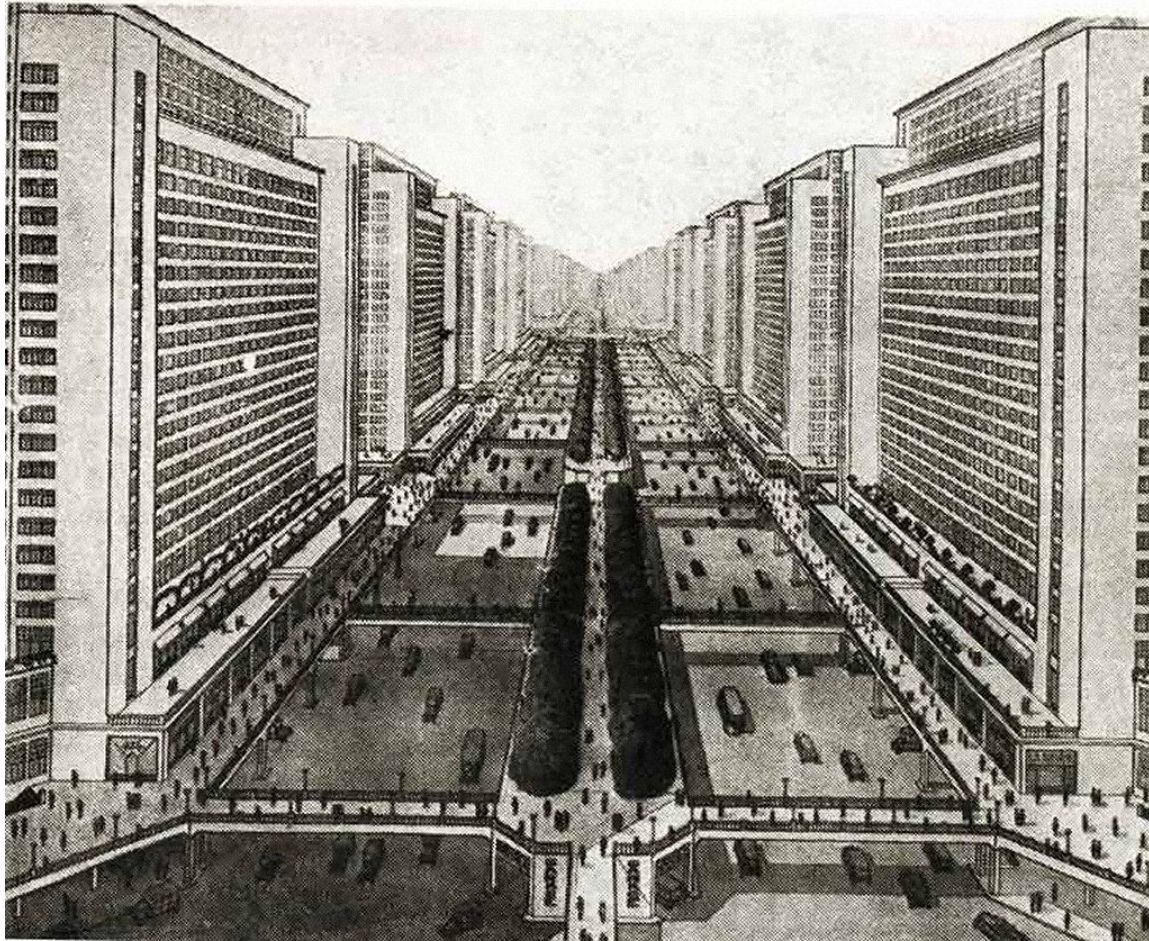
- City Library, Viipury, Finland by Aalto (1933-1935)



# Modernism in Architecture



# Modernism in Architecture



# Univalent Form



The University of Chicago Social School  
Administration, van der Rohe <https://ssa.uchicago.edu/architecture>



Farnsworth House, van der Rohe  
[https://en.wikipedia.org/wiki/Ludwig\\_Mies\\_van\\_der\\_Rohe](https://en.wikipedia.org/wiki/Ludwig_Mies_van_der_Rohe)

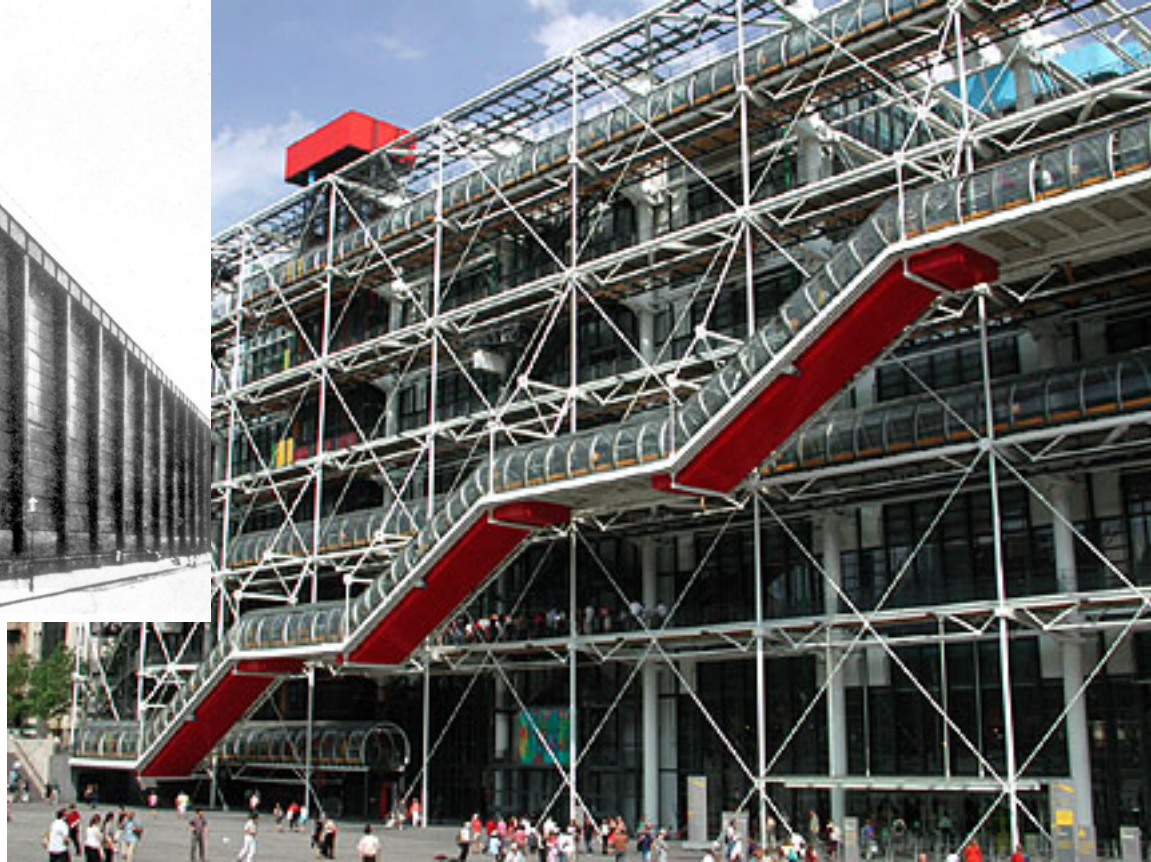


IIT School of Architecture, van der Rohe,  
[www.campusexplorer.com](http://www.campusexplorer.com)

# Univalent Content



AEG Factory, Behrens  
[www.studyblue.com](http://www.studyblue.com)

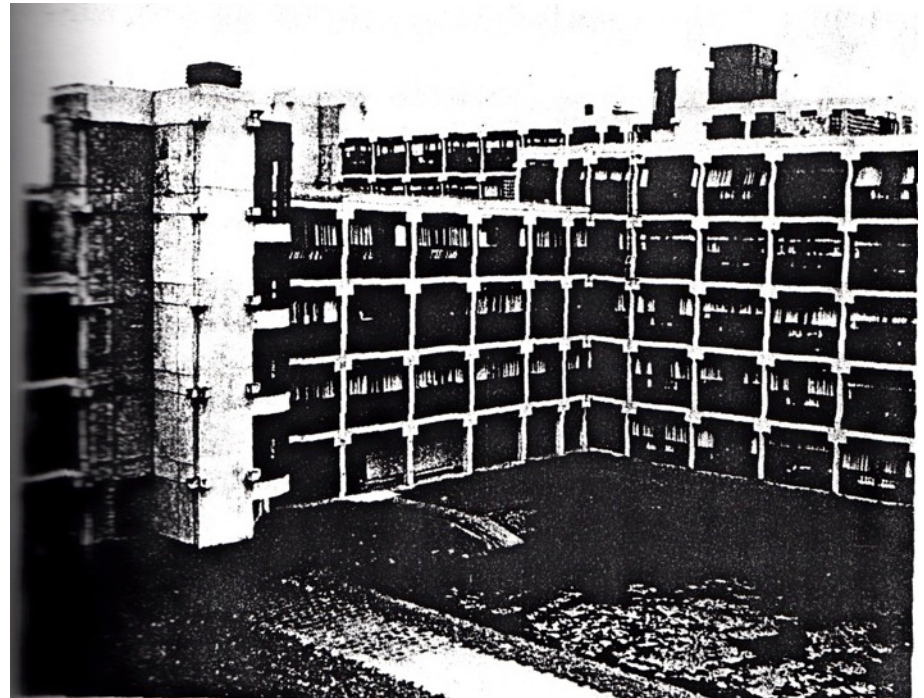


Pompidou Centre, Piano & Rogers  
[www.galinsky.com](http://www.galinsky.com)

# Inadvertent Symbolist



Hirshhorn Museum,  
Washington DC, 1973,  
Bunshaft and SOM  
[architecture.about.com](http://architecture.about.com)



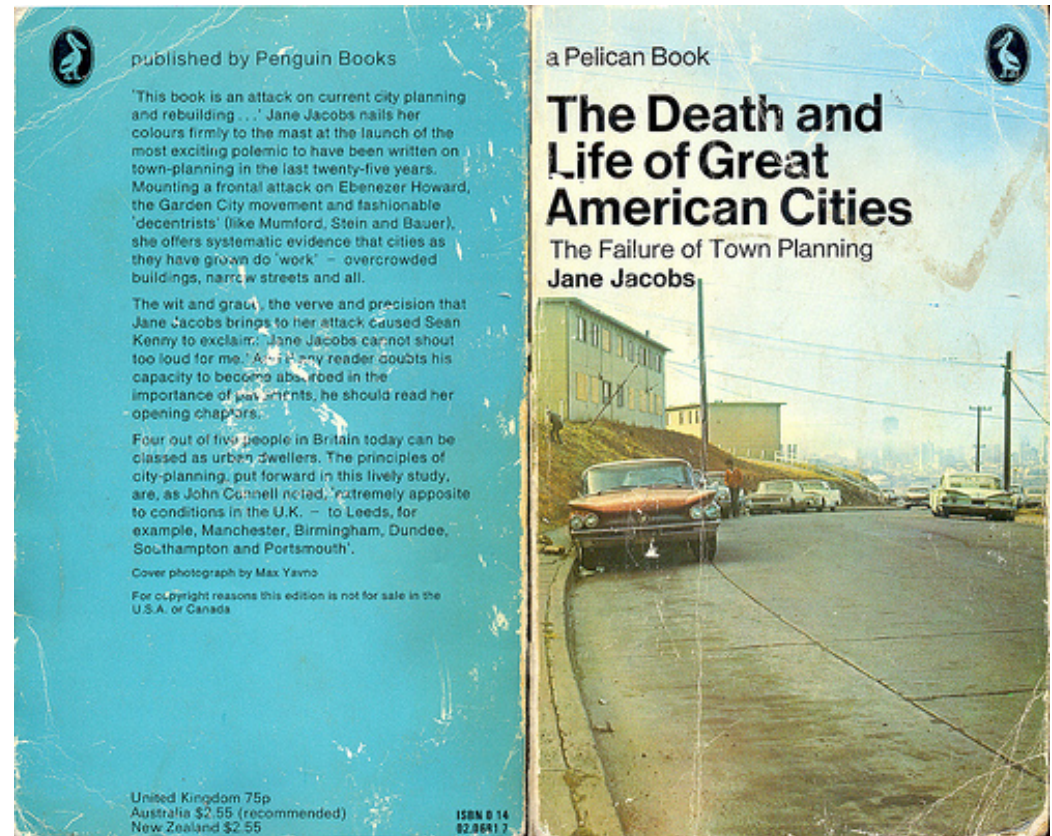
Old Age Home, Amsterdam,  
1975 by Herman Hertzberger  
(Jencks, 1977)

# Isu terkait modernisme



Jane Jacobs,  
1916-2006

- Mixed-use
- Walkability
- Building ages
- Density

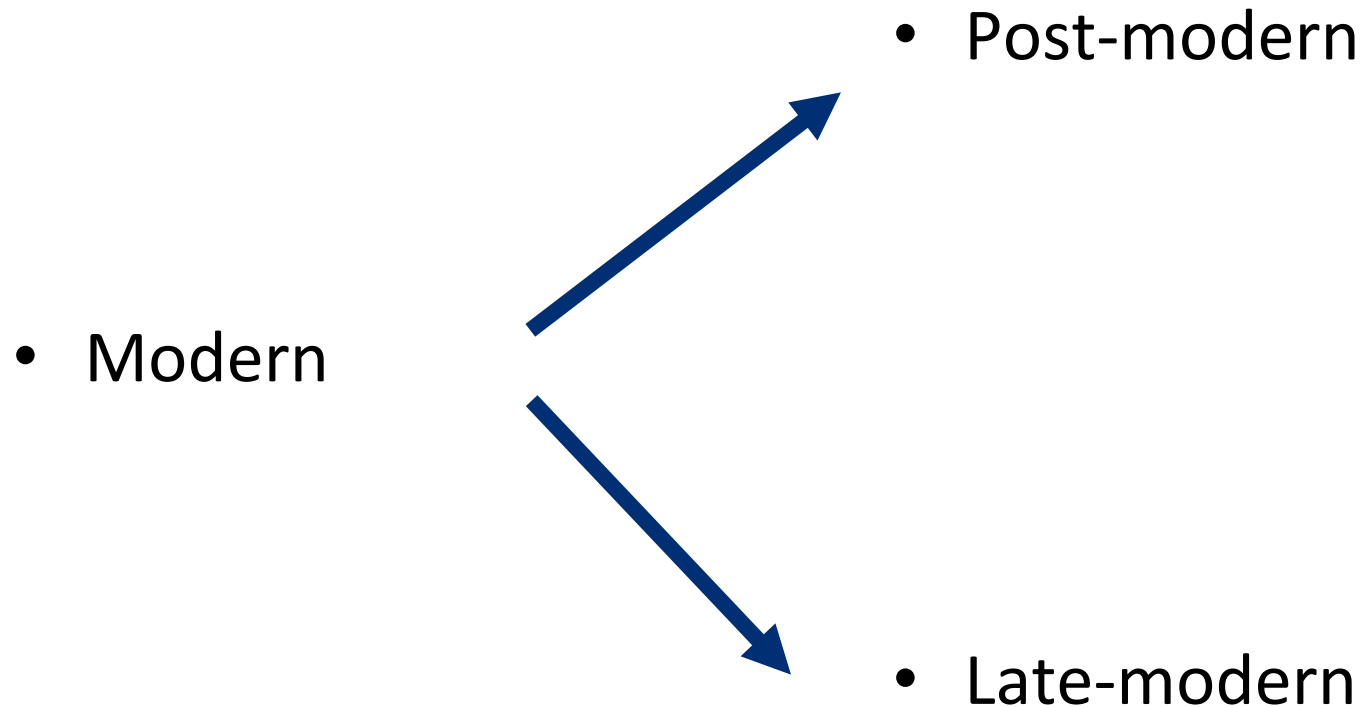


# Isu terkait modernisme

- Death of modern architecture  
July 15, 1972 at 3.32 p.m



# Modern, Late-modern & Post-modern



(Jencks, 1977 & 1980)

# Modern, Late-modern & Post-modern

The modes of architectural communication:

- Metaphor → asosiasi
- Words → elemen
- Syntax → komposisi/ susunan
- Semantics → makna

(Jencks, 1977 & 1980)

# What Modern & Late Modern Architecture have in common?

- Visionary
- Newness
- Technology

# Modern, Late-modern & Post-modern

Jencks, 1980:

- Ideologis
- Langgam
- Gagasan Desain

# Ideologis

| Modern                         | Late-Modern                | Post-modern                              |
|--------------------------------|----------------------------|------------------------------------------|
| Utopian, idealist              | Pragmatic                  | Popular, pluralist                       |
| Deterministic form, functional | Loose fit                  | Semiotic form                            |
| Zeitgeist                      | Late-capitalist            | Traditions and choice                    |
| Elitist/ 'for everyone'        | Elitist-professional       | Elitist and participative                |
| Wholistic                      | Wholistic                  | Piecemeal                                |
| Architect as saviour/ doctor   | Architect provides service | Architect as representative and activist |

Sumber: Jencks, *Late-Modern Architecture*, 1980

# Langgam

| Modern                                                                                    | Late-Modern                                                                           | Post-modern                                                                                       |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Straightforward                                                                           | High-tech/ slick-tech/ supersensualism                                                | Hybrid                                                                                            |
| Simplicity                                                                                | Ambiguity                                                                             | Complexity                                                                                        |
| Isotropic space                                                                           | Extreme isotropic space                                                               | Variable space                                                                                    |
| Abstract form                                                                             | Sculptural, hyperbolic, enigmatic form                                                | Conventional & abstract form                                                                      |
| Purist                                                                                    | Extreme repetition & purist                                                           | Eclectic                                                                                          |
| Inarticulate 'dumb box'                                                                   | Extreme articulation                                                                  | Semiotic articulation                                                                             |
| Machine aesthetic, straightforward logic, circulation, mechanical, technology & structure | 2nd machine aesthetic, extreme logic, circulation, mechanical, technology & structure | Variable mixed aesthetic depending on context, expression of content and semiotic appropriateness |
| Anti ornament                                                                             | Structure & Construction as ornament                                                  | Proorganic & applied ornament                                                                     |
| Anti representation                                                                       | Represent logic, circulation, mechanical, technology & structure                      | Pro representation                                                                                |
| Anti metaphor, anti-historical, anti humour, anti-symbolic                                | Anti metaphor, anti-historical, unintended humour, unintended symbolic                | Pro metaphor, pro-historical, pro-humour, pro-symbolic                                            |

Sumber: Jencks, *Late-Modern Architecture*, 1980

# Gagasan Desain

| Modern                   | Late-Modern                                           | Post-modern                            |
|--------------------------|-------------------------------------------------------|----------------------------------------|
| City in park             | 'Monuments' in park                                   | Contextual urbanism and rehabilitation |
| Functional separation    | Functions within a 'shed'                             | Functional mixing                      |
| 'Skin and bones'         | Slick skin, wet look distortion                       | 'Mannerist', 'Baroque'                 |
| <i>Gesamkunstwerk</i>    | Reductive, elliptical gridism, irrational grid        | All rhetorical means                   |
| 'Volume not mass'        | Enclosed skin volumes, mass-denied                    | Skew space and extentions              |
| Slab, point block        | Extruded building, linearity                          | Street building                        |
| Asymmetry and regularity | Tends to symmetry, formal rotation, mirroring, series | Tends to assymetrical symetry          |
| Harmonious integration   | Packaged harmony, forced harmonization                | Collage/ collision                     |

Sumber: Jencks, *Late-Modern Architecture*, 1980

# Late-Modern Architecture

Sumalyo, 2005:

- High-tech / Techno-aesthetic → sculptural and/or industrial
- Neo-vernacular → pola pikir, tata letak, budaya, religi/ kepercayaan, alam
- Modern- historicism → arsitektur klasik, exposed materials

Thank you