

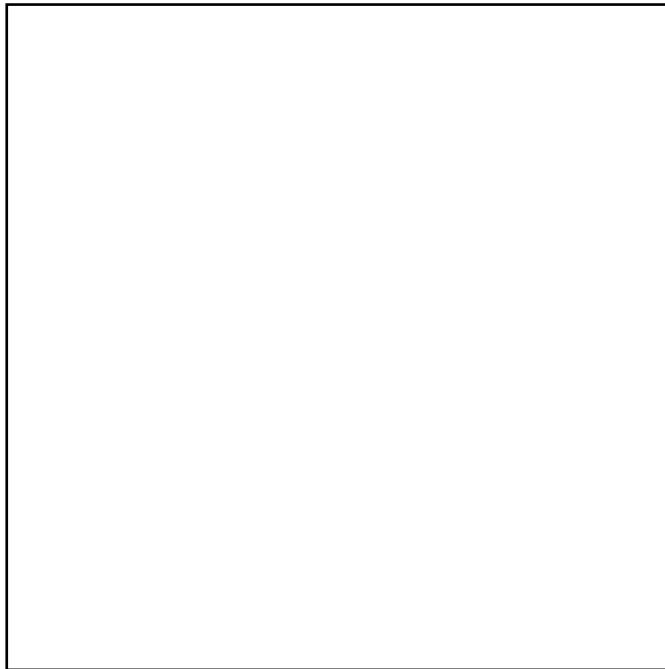
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Antonella Mantegazza
Freja Bang Dahl
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Julia Marques Totoli
Kamila Glodowska
Lindsey Krug
Maite Edit Margalho
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Sofia Betancur
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ATLAS OF FRAGILITY

MAIO



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SOME STORIES ABOUT FRAGILITY

MAIO's workshop for Porto Academy 2017 proposes to work on the idea of fragility and its relation with architecture. Fragility is understood here as a limit state between equilibrium and desequilibrium, between stability and instability, between collapse and resistance. In that sense, fragility can be addressed from precise and objective parameters related to the logic of materials, form or forces. During the workshop, each student or group of students will explore 3 notions of limits such as:

- limit of balance
- limit of resistance
- limit of proportion
- limit of material
- limit of form
- limit of slenderness
- limit of duration
- limit of visibility
- limit of architecture

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The workshop will be divided in 3 short exercises reflecting on those limits. Each exercise consists of a “fragile architecture”, an image, a drawing and a sentence.

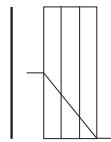
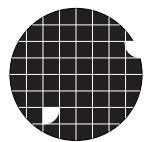
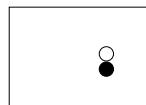
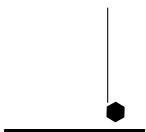
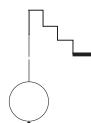
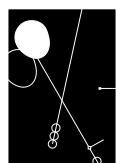
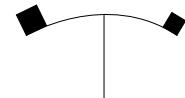
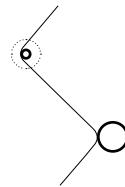
3 limits

3 architectures,

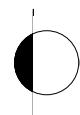
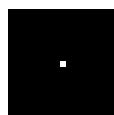
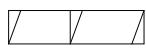
3 images,

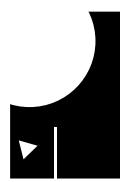
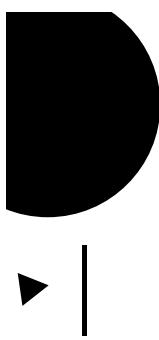
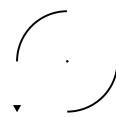
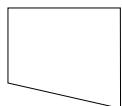
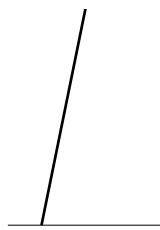
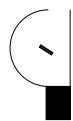
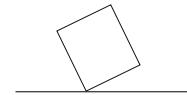
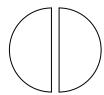
3 drawings

3 texts



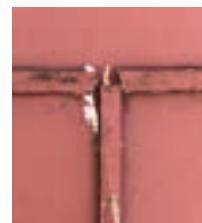
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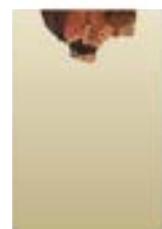
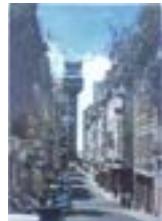
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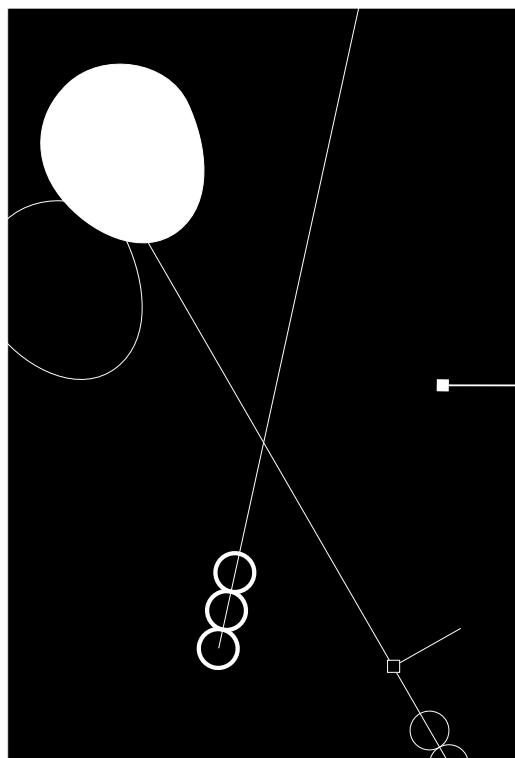


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the weakness of the perfect shape ● bending through balance ● the instant before ● just before touching each other ● the minimum contact surface to make a lightweight structure hold heavy masses ● time transforms ● elements supported by balance ● when balance establishes trust ● mass against gravity ● the precise moment when action becomes reaction ● a shadow can be a house ● contact without touching ● braking the rules braking the order ● a moment of distorted reality ● disconnected elements ● suspended delicate structure within a shielded space ● a moment of dialogue in the void ● interruption through a threshold ● chain of reactions ● one house is tilting, the next house is supporting and the doors are adjusting ● dysfunctional a door with a small window ● balance between opposite dimensions ● momentary evidence of light ● a hole in the whole ● a clue of the system ● a simple accident can

lead to a particular design ● structure is the relation between parts ● unstable ground ● under construction ● breaking trilogy ● an unknown connection ● the shadows reveal that the stretching structures barely touch ● a subtle disruption in the central point of balance ● a closeness that never touches ● obscured perception of distance ● you fly or you fall ● loss of balance ● forever building ● suspending Belém ● interrupted connection is the point of breaking ● human keystone ● the climax of tension ● a small gesture to capture the essence of the moment ● weight creates curves until it breaks them ● the other half ● it's about how elements relate with each other ● in love with a column on high heels ● structure is not only about mass

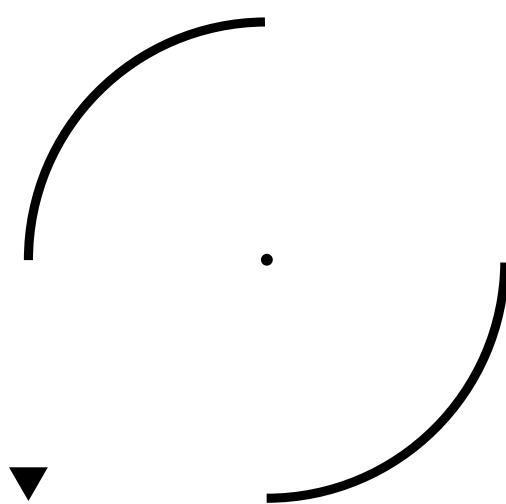
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The instant before

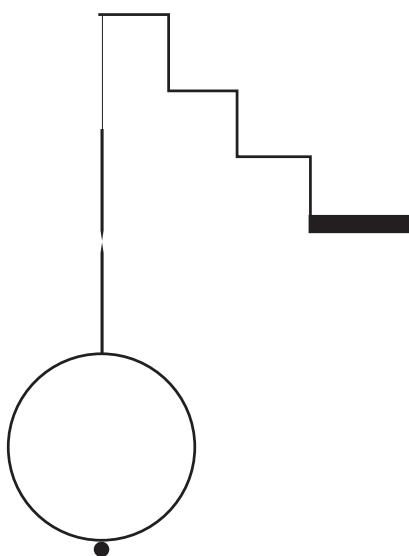
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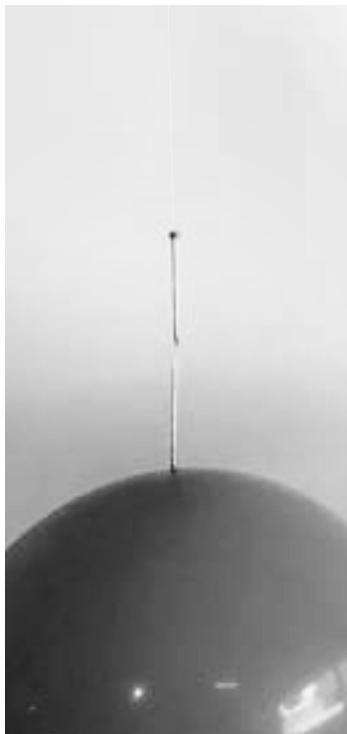




When balance establishes trust

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Just before touching each other

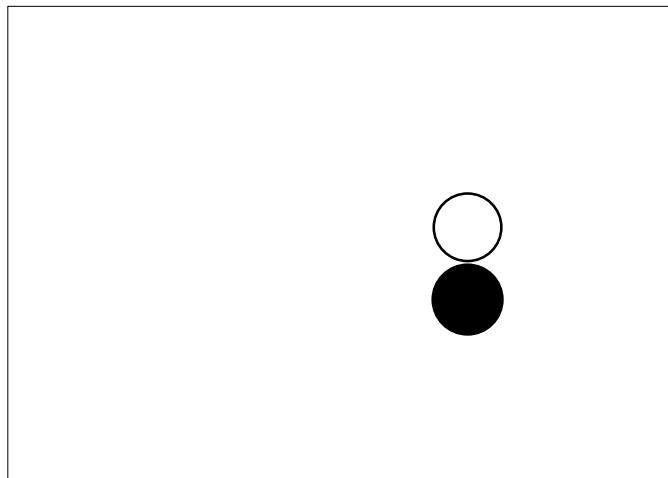
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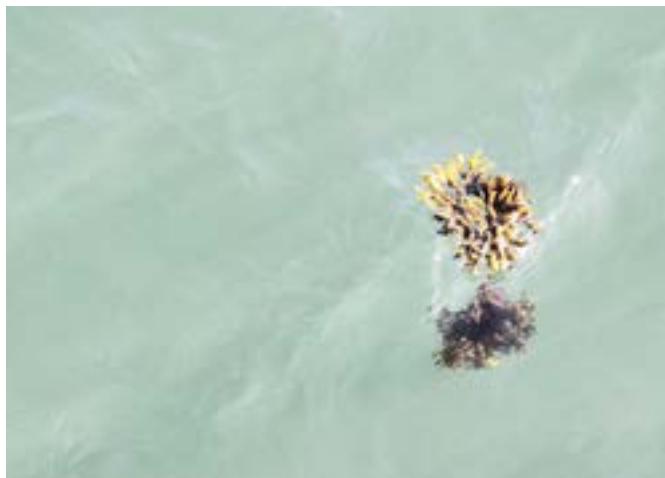




Elements supported by balance

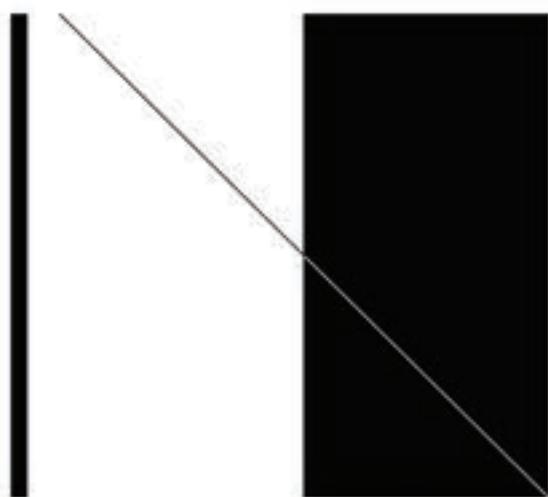
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Balance between opposite dimensions

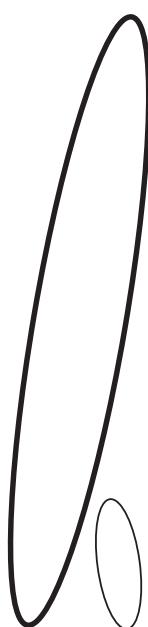
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Disconnected elements

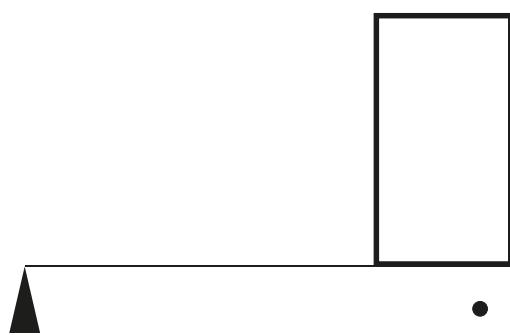
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It's about how elements relate
with each other

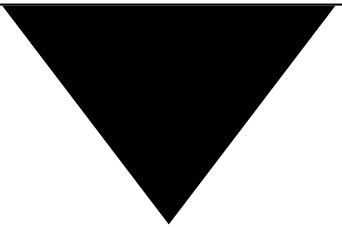
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Suspending Belem

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Under construction

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A small gesture to capture the
essence of the moment

PORTO ACADEMY / 2017

This booklet was designed and produced at the editorial design workshop at Porto Academy.

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