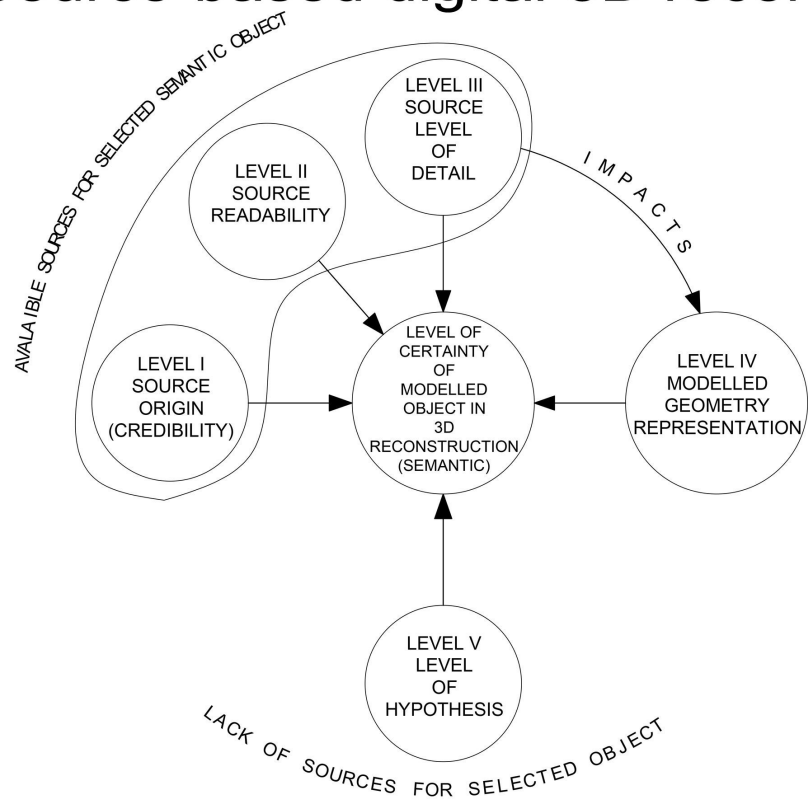# Source-based digital 3D reconstructions of wooden synagogues. (3DREKO_23)

LEVEL I - SOURCE ORIGIN (CREDIBILITY)
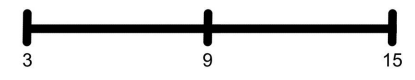1 - unknow author reiterpretation
2 - professionals' reinterpretation
3 - student inventarisation
4 - professionals' inventarisation
5 - original project

LEVEL II - SOURCE READABLITY
1 - unreadable
2 - barely readable, visible artifact and deformation
3 - readalbe (deformations if visible are negligible)
4 - highly readable
5 - highly readable saturated with colour

LEVEL III - SOURCE LEVEL OF DETAIL
1 - schematics and assumptions   -
2 - situation drawing   1:500
3 - main structure drawing   1:200-1:100
4 - detailed drawing   1:20-1:10
5 - highly detailed drawing   1:5
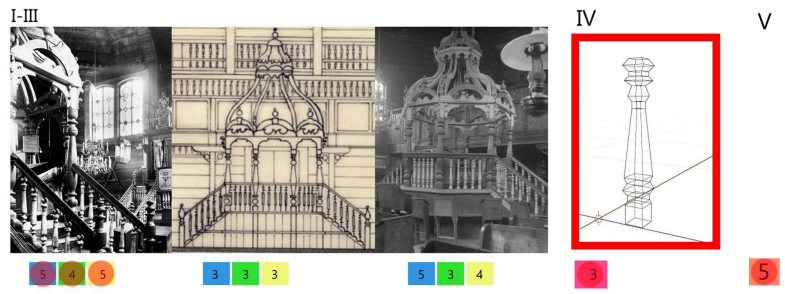
IF I+II+III<9, x=0,5
IF I+II+III≥9, x=1

LEVEL IV - MODELLED GEOMETRY REPRESENTATION
1 - symbolic
2 - cubic
3 - simplified
4 - detailed
5 - highly detailed

$$I+II+III = 5+4+5 = 14 \implies x=1$$
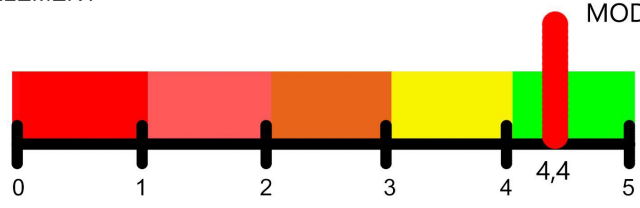
$$\frac{(5+4+5+3*1+5)}{5} = 4,4$$

LEVEL V - LEVEL OF HYPOTHESIS
1 - completly speculative without way of approving form
2 - completly speculative with some way of approving form
3 - speculative with a way of proving form via analogy in similar synagogue
4 - feaseable assumption way of proving for via analogy in modelled synagoge
5 - compliant to source

UNCERTAINTY SCALE COLOR APPLIED TO MODELLED ELEMENT

MODELLED ELEMENT ACCORDING TO MATRIX

$$\frac{I+II+III+x*IV+V}{5} = \text{LEVEL OF CERTAINTY}$$

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