

1 Eighth Domains with increasingly higher complexity

1. Complexity level **L1**: only one object with one fine-resolution part; two rooms with one cells in each room.
2. Complexity level **L2**: two objects with two fine-resolution parts each; three rooms with two cells each room.
3. Complexity level **L3**: three objects with three fine-resolution parts each; four rooms with four cells in each room.
4. Complexity level **L4**: four objects with four fine-resolution parts each; five rooms with six cells in each room.
5. Complexity level **L5**: eight objects with two fine-resolution parts each; five rooms with nine cells in each room.
6. Complexity level **L6**: eight objects with two fine-resolution parts each and four objects with one fine-resolution part each; five rooms with twelve cells in each room.
7. Complexity level **L7**: eight objects with two fine-resolution parts each and four objects with one fine-resolution part each; five rooms with sixteen cells in each room.
8. Complexity level **L8**: sixteen objects with two fine-resolution parts each and eight objects with one fine-resolution part each; five rooms with sixteen cells in each room.