| | Set Treory |
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| Stanford Encyclopedia of Philosopm | |
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| Definitions Set: a collection of elements. Denoted by E3 | |
| Membership: elements belong to a set, a & A | |
| Empty Set: set containing no elements & | |
| Subset: set containing some but not an elements of a greater set, denoted B = A (B subset of A). Empty set is a subset of all | |
| Equality: sets of identical elements are suid to be equal. | |
| A=B if and only if A=B and B=A. | |
| Operations | |
| AUB: Union of A and B, set of all elements in either A or B. | |
| An B: Inkreaction of A and B, set of an elements in both A and B. | |
| A-B: Difference of A and B, set of elements in A and not in B. | |
| Properties: | |
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