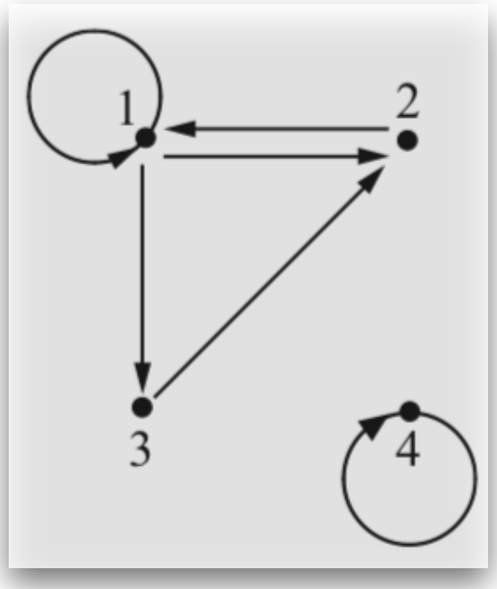
visual representations of functions and relations

example



visual representations of functions and relations

when domain or range of a relation is

infinite $\Longrightarrow$ not possible to visualize the entire relation

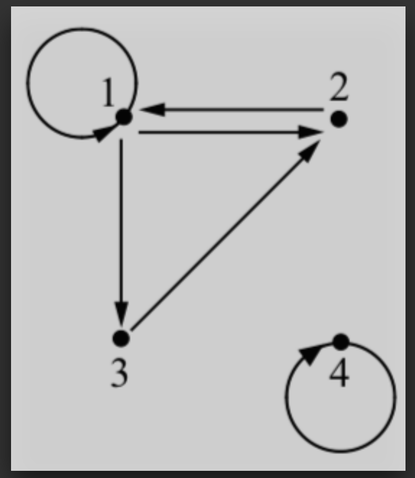
finite $\Longrightarrow$ lists and graphs can be used

example

let A be a small finite set: $A = \{1,2,3,4\}$

the relation R is defined as $R = \{(1,1),\ (4,4),\ (1,3),\ (3,2),\ (1,2),\ (2,1)\}$

graph representation:



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