

Improper State: An operation, operand 1, ..., operand 1) tuple with at least one improper element (depicted in purple)

Final State_{Bm}

(operation_{Bm}, ...,

operand_{Bmq},...)

Initial State – a weakness caused by a Bug in the Operation, resulting in an Error

Initial State_{B1}

operand_{B11}, ...

operand_{B1i}, ...)

(operation_{B1},

- Propagation State a weakness caused by a Fault of an Operand, resulting in an Error
- Final State a weakness caused by a Fault in an Operand, resultingin a Final Error
- Failure a violation of a security requirement caused by an exploit; may result in a Fault starting a new faultonly vulnerability
 - Chaining weaknessesor vulnerability
 - Converging vulnerabilities