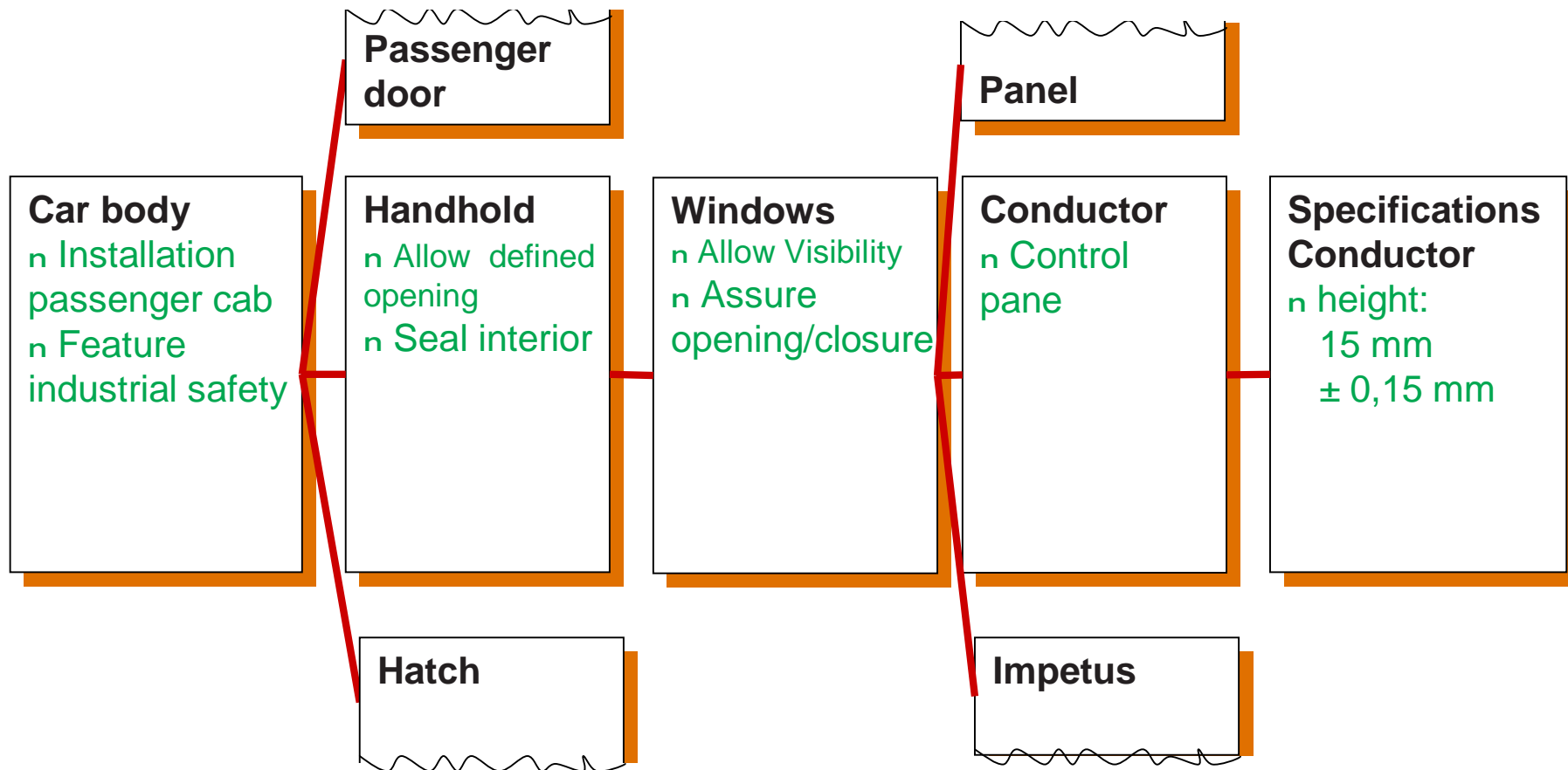
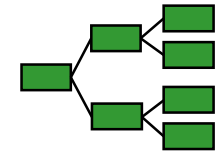
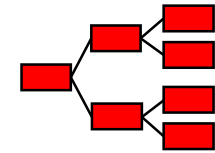


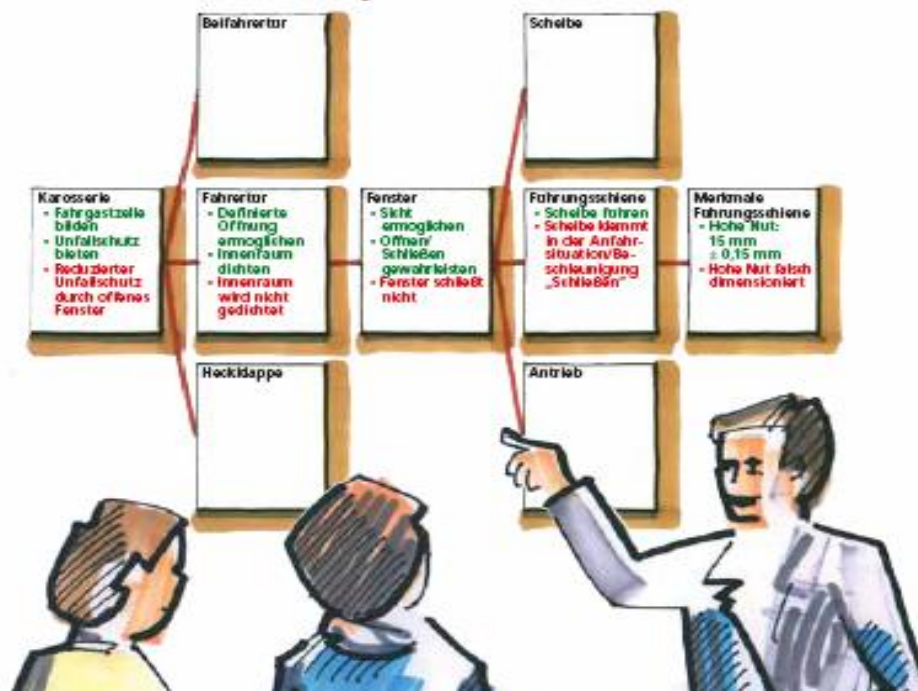
Functions of Structural Elements



Failure analysis

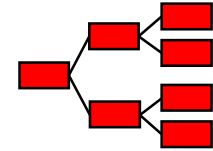


We derive the possible malfunctions (red font) from the functions (green font) of each system element and interrelate them in a failure web.



The position of the malfunction in the failure web determines whether this failure effect is a failure or a failure cause.

Consideration to failure analysis (2):



§ Mostly multiple malfunctions (FF) are allocated to one function:

§ Function: Provide voltage of 42V

§ FF 1: Voltage too high

§ FF 2: Voltage too low

§ FF 3: Voltage pulsates unacceptably

§ FF 4: no voltage