

**METSTA**

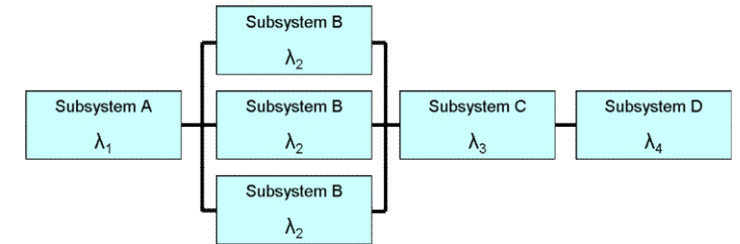
**EN ISO 13849-2 Revision**



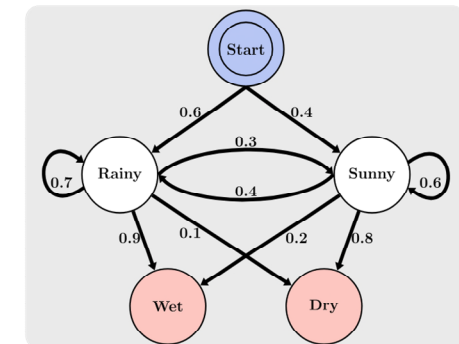
# Ongoing project

## TC 199/ WG8

- Newest EN ISO 13849-1:2023 has been published in EU official journal on 15.05.2024
  - Transition time is 36 month ( EN ISO 13849-1:2015 can be applied until 15.05.2027)
- Revision of EN ISO 13849-2 is ongoing
  - At 1<sup>st</sup> this was supposed to be published as a technical report, not as a standard. But this approach have been withdrawn. ISO EN 13849-2 needs to have the status of standard as there are normative references in EN ISO 13849-1 to this part 2
  - Drafting of the new revision is ongoing for CD2 version
- New technical report ( not standard = not mandatory to use) EN ISO 13849-3
  - Introduces the alternative method to calculate the reliability of safety function. Method is based on Markov model
    - Gives more precis method for reliability calculation than the reliability block diagram method given in EN ISO 13849-1



Reliability block diagram method (Image of the concept)  
[Reliability block diagram - Wikipedia](#)



Markov model ( Image of concept)  
[Markov model](#)

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