

(21)Title

A Study on STAMP and HAZOP in IoT and deep learning application.

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Abstract

Since it came to Panel with Nancy in 2006 WOCS, we've been associating Nancy's method with international standards. The international standard on the method is to define an abstract common part or to facilitate the understanding of the differences of other methods by showing one example of the method. In particular, in 2011, invited Nancy at WOCS, after receiving Safeware's lecture, I focused on STAMP and explained the relation with HAZOP method. Currently we are planning to introduce IoT to industrial machinery, and show the correspondence relation in the study. Although HAZOP can be used at each stage of planning, designing, shipping and operation, since STAMP is mainly design-centered, the content of consideration includes analysis of the existing system. In addition, there are many organizations that combine many methods, such as JAXA published in the process improvement navigation guide issued by IPA in 2004, and relations with other methods such as FRAM are also organized.

Keywords

- (1) STAMP
- (2) FRAM
- (3) HAZOP
- (4) ISO/IEC guide 50
- (5) Design Review