Abstract

There are several safety hazard problems faced in textile and apparel, which have been a major area of concern for governments, consumers and workers. Most of the recent studies on safety management of textile and apparel mainly focus on defects in products and quality control, the risk assessment was based on the simple tool called checklist to textile and apparel is still at the stage of investigation. So, we use T-S Neuro Fuzzy System to analyze the safety risk of textile and apparel. All the major risk elements that affect the safety state of textile and apparel are obtained. Using this system, we can identify risk level in a certain period of time. To eliminate these risks we use molecular modeling to generate input to the T-S Neuro Fuzzy System.
through which risks free attributes of textile and apparel can be obtained.

References

- Les M. Sztandera, Charles Bock, and Mendel Trachtman "Use of Artificial Intelligence in Designing Dyes, Chemical Auxiliaries, Polymers and Textile Fibers;"

Index Terms

Computer Science
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Keywords

Safety Issues Over Textile And Apparel; Risk Assessment; T-s Neuro Fuzzy System; Assessment Model; Risk Elimination