

UHS 2021 TRIZ : 40 Inventive Principles

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Students will be able to understand and apply 40 inventive principles in solving any engineering problems or contradictions

References

Yeoh, T.S., Yeoh, T.J. & Song, C.L. (2016). *Theory of Inventive Problem Solving; TRIZ.* Firstfruits Sdn. Bhd., Malaysia.





Merging













16-18 Inventive Principles

Partial or Excessive Action

Another Dimension

Mechanical Vibration



19-23 Inventive Principles S Rushing Periodic Continuity of Useful Action Through Action Blessing in Feedback Disguise











30-32 Inventive Principles



Porous Materials

Colour Change



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Conclusion of The Chapter

- 40 Inventive Principles in TRIZ is a general solution that can be deployed in solving engineering contradiction.
- More than one inventive principles can be suggested to any engineering contradiction or problem.





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