TOCICO is pleased to recognize this paper as part of the TOC Body of Knowledge.

TOC-ICO

Body of Knowledge addition (Sept 2021)

'Mystery Analysis'

Overview:

Dr Goldratt used the term 'mystery' to describe an unexpected outcome, highlighting the limitation of current reasoning and the opportunity to learn. Yuji Kishira (2018) has taking this further in developing a systematic process using the TOC TP and CLR tools. In addition to the paper Kishira has presented at TOCICO (2016).

We also have included Kishira's (2019) Goldratt Consulting presentation which uses the 'standing on the shoulders of giants' concept (Goldratt, 2009) in explaining the mystery associated with the boundaries of Lean applications and the distinguishing DBR assumptions.

TOC-ICO Dictionary definition:

Mystery Analysis: Systematically exploring unexpected outcomes by structuring the associated hypothesis using the TOC TP and CLRs.

Leading reference

Kishira, Y., 2018. An examination of Goldratt's theory of constraints as a scientific theory: Using the thinking processes to propose the "structure of a hypothesis" and the mystery analysis processes. International Journal of Current Research, 10, (04), pp.68443.

Full paper: An examination of goldratt's theory of constraints as a scientific theory: using the thinking processes to propose the "structure of a hypothesis" and the mystery analysis processes | International Journal of Current Research (journalcra.com)

Video presentation (Kishira, 2019): 'Why doesn't Lean work in Japan' (4th presentation in series)

https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgoldrattgroup.com%2Fevent%2Futah2019%2F&data=04%7C01%7Croy.stratton%40ntu.ac.uk%7C35ae2c5bf0d14b4b392308d96803862d%7C8acbc2c5c8ed42c78169ba438a0dbe2f%7C1%7C0%7C637655186620926539%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=xEWkhGP3cgEJMu313pIT9nCitcp7jIbpx%2FJm7HoRcyc%3D&reserved=0