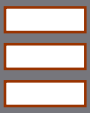




Mind Meets Machine: The New Creative Revolution.

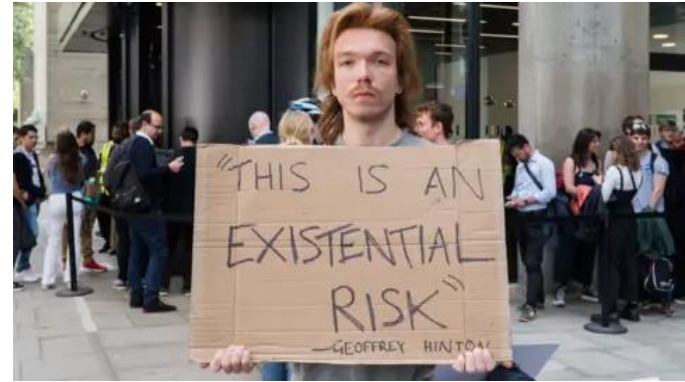


Sergei Ikovenko, Dr-Eng, PhD, TRIZ Master, professor



- 1. Do technology and creativity contradict? Friends or enemies?**
- 2. AI as creativity booster, innovation methods as AI booster.**
- 3. Innovative Technology of Design: where AI rules there and where creativity.**
- 4. Experience of some world corporations.**

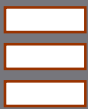
Do technology and creativity contradict? Friends or enemies?



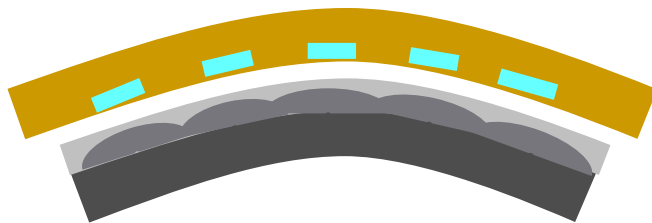
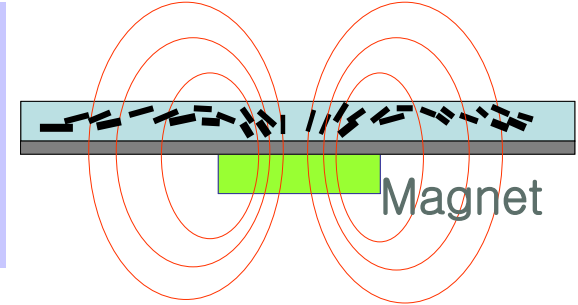
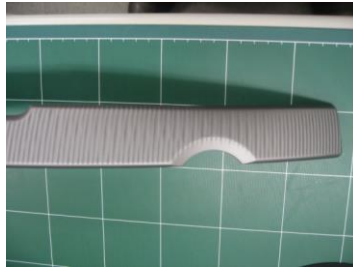


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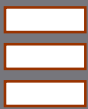


AI as Creativity Booster, Innovation Tools as AI Booster.

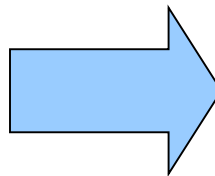


- Jig
- Magnet
- Paint (Resin)
- Magnetic pigment
- Interior part



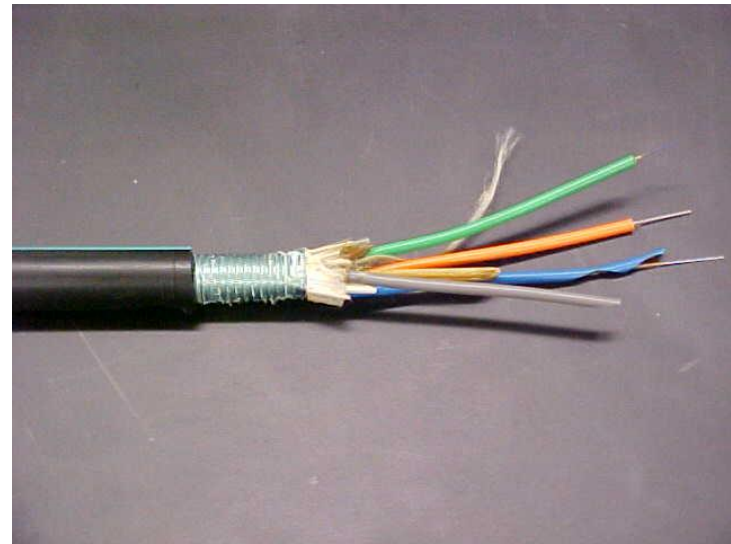
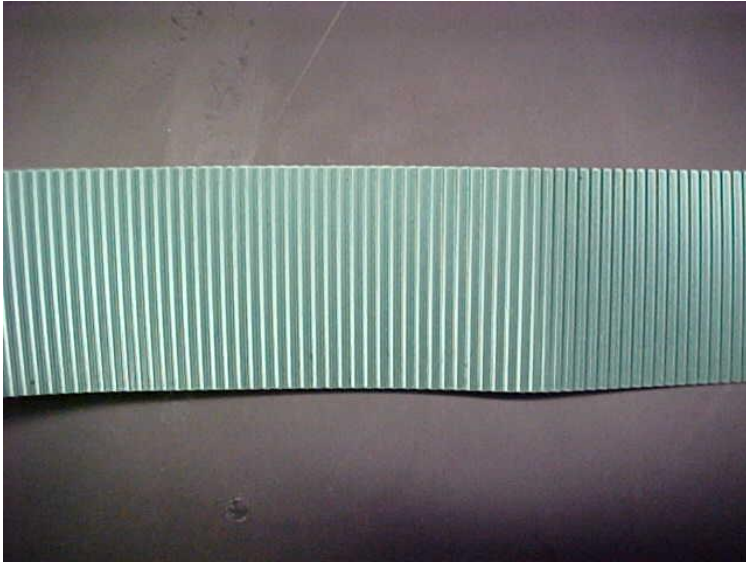


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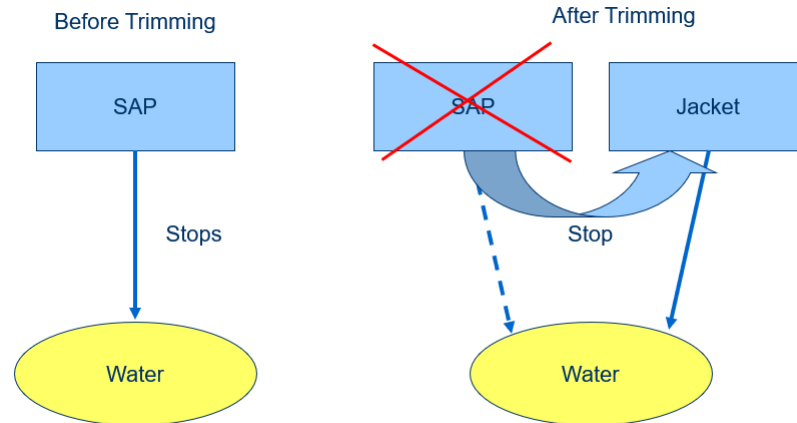
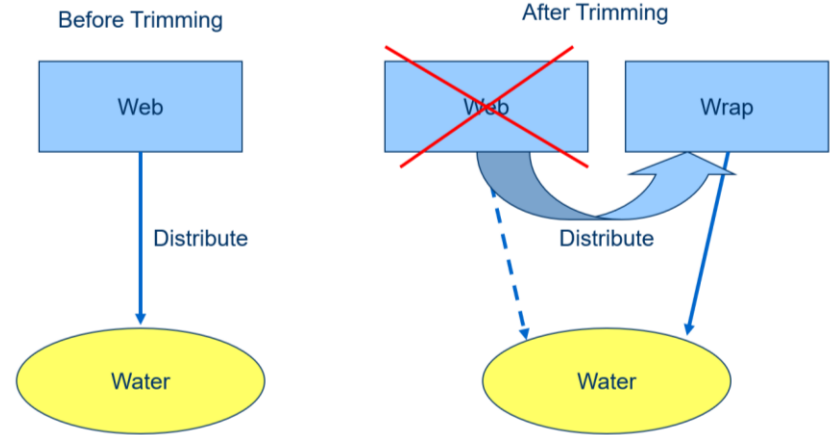
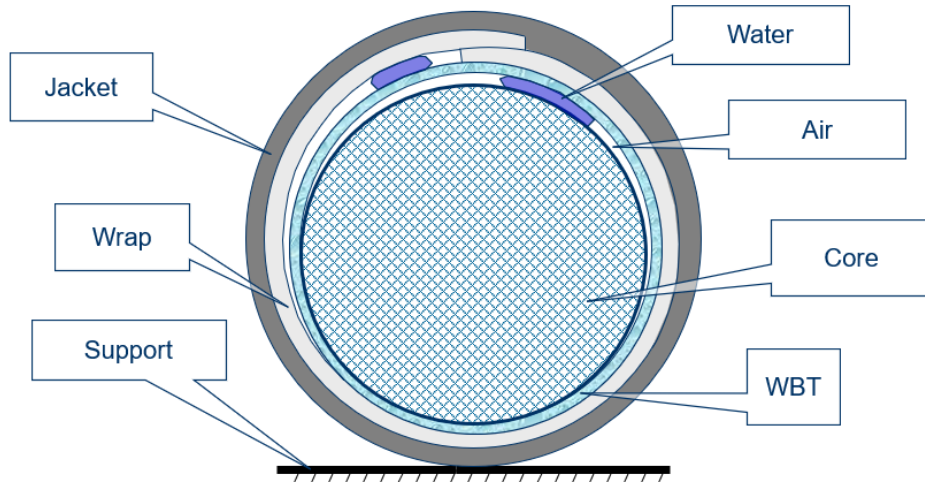


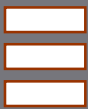


Alcoa Cable Wrap



Alcoa Cable Wrap.

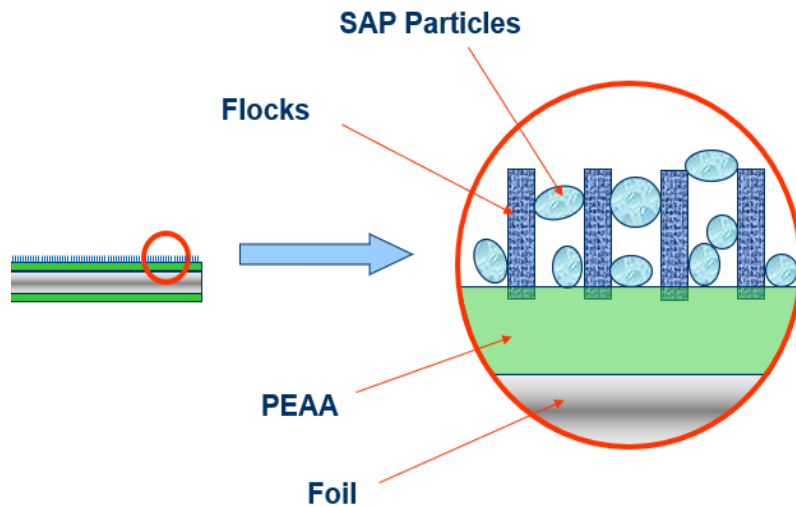




Alcoa Cable Wrap.

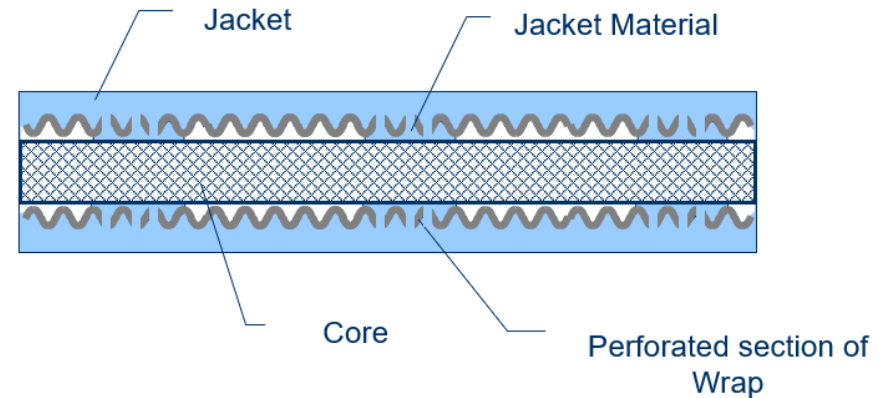
How can plastic sheet
distribute water?

AI



How can the jacket stop
water?

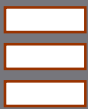
ITD + Human



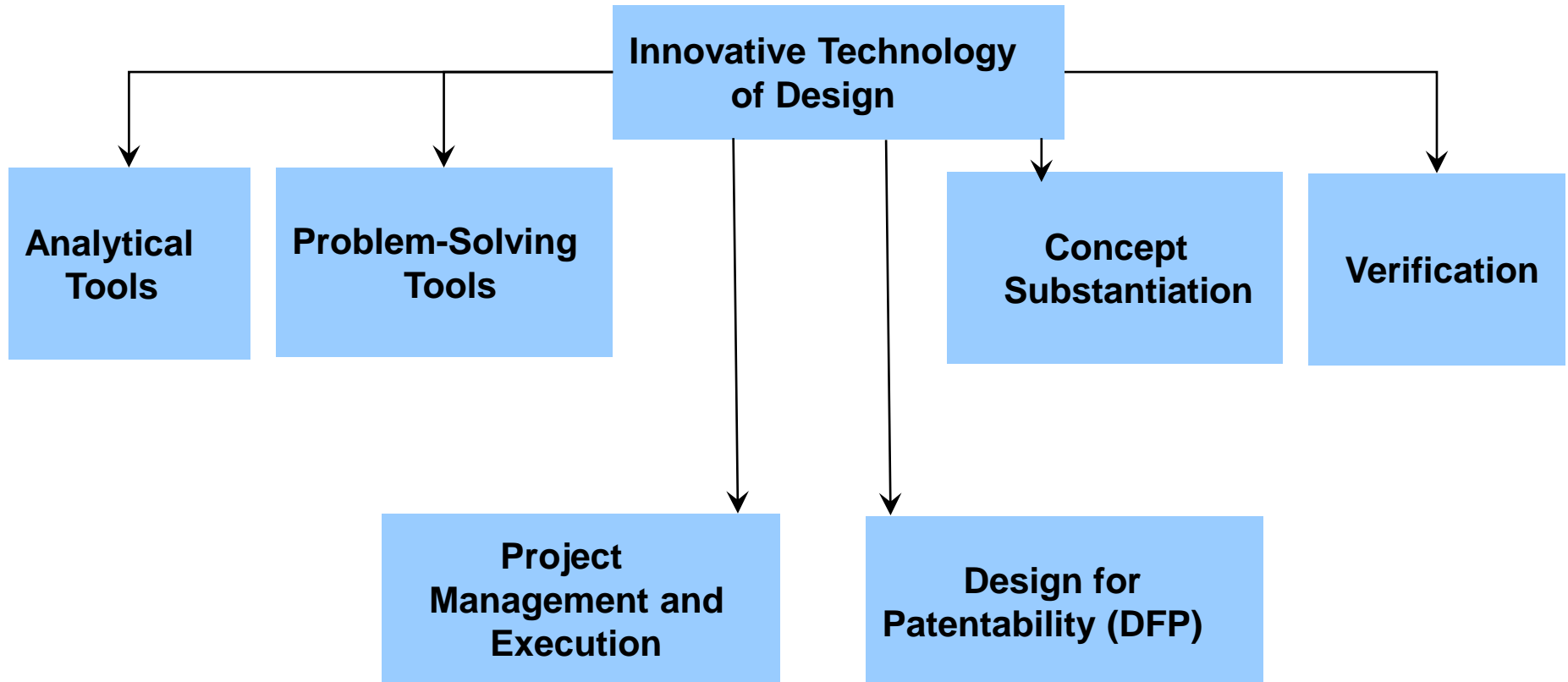


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Innovative Technology of Design.

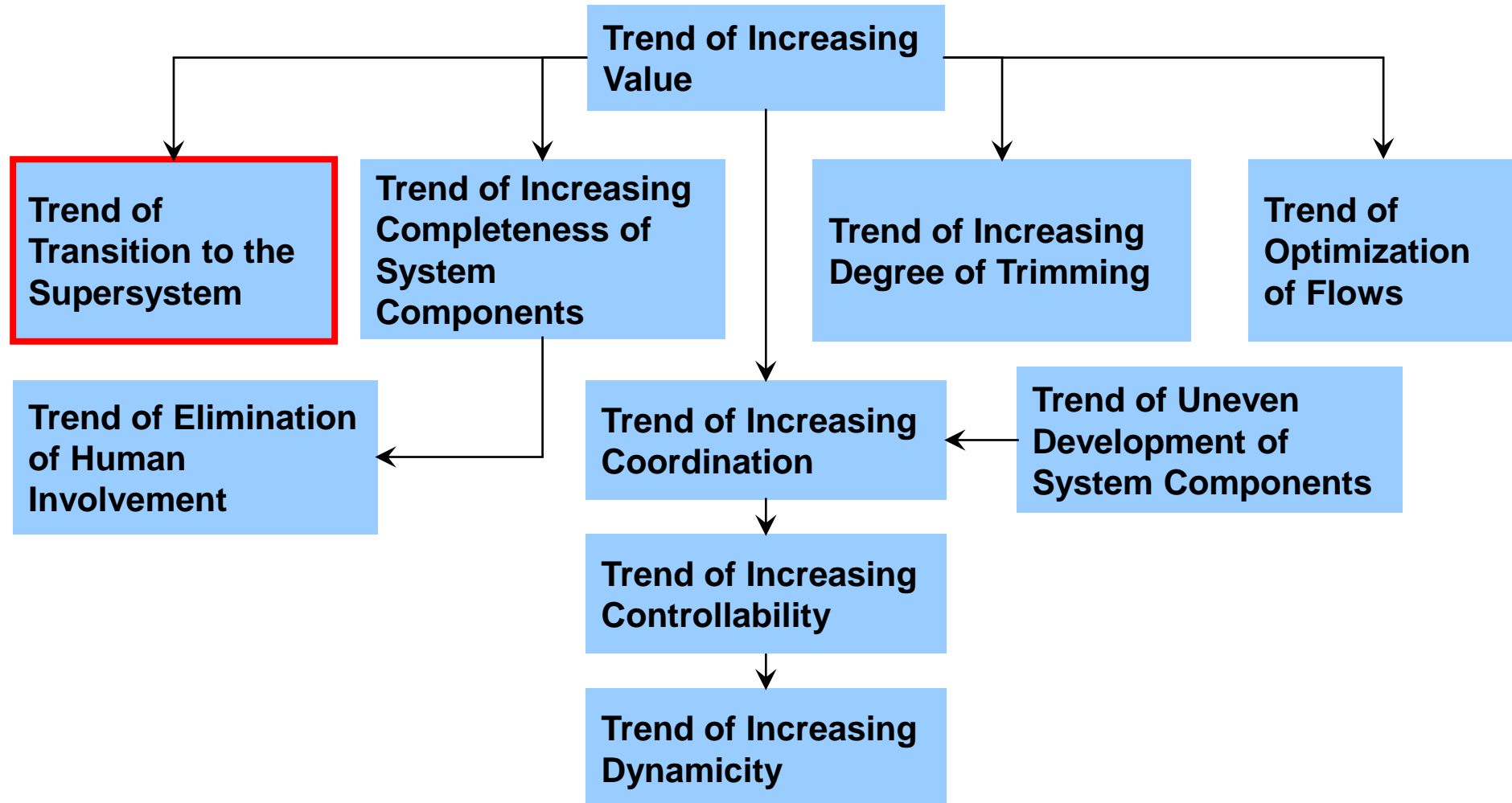




Technology and Creativity.

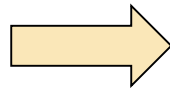
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Hierarchy of Trends

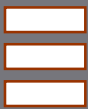


►Trend of Transition to the Supersystem:

As an Engineering System evolves, it is integrated with Supersystem components.



$$V=F/C$$



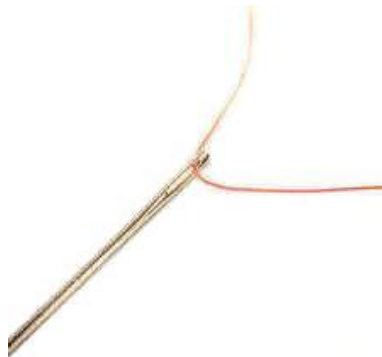
Deeper Integration

Surgical kit



Unlinked

Surgical needle with eye for thread



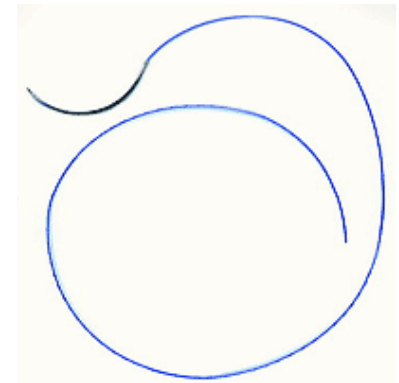
Sequential link

Needle with attached thread

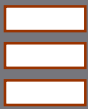


Partially trimmed system

Thread with deposited metal layer



Fully trimmed system



I keep six honest serving-men (They taught me all I knew);
Their names are What and Why and When
And How and Where and Who.
I send them over land and sea, I send them east and west;
But after they have worked for me, / give them all a rest.



Rudyard Kipling



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