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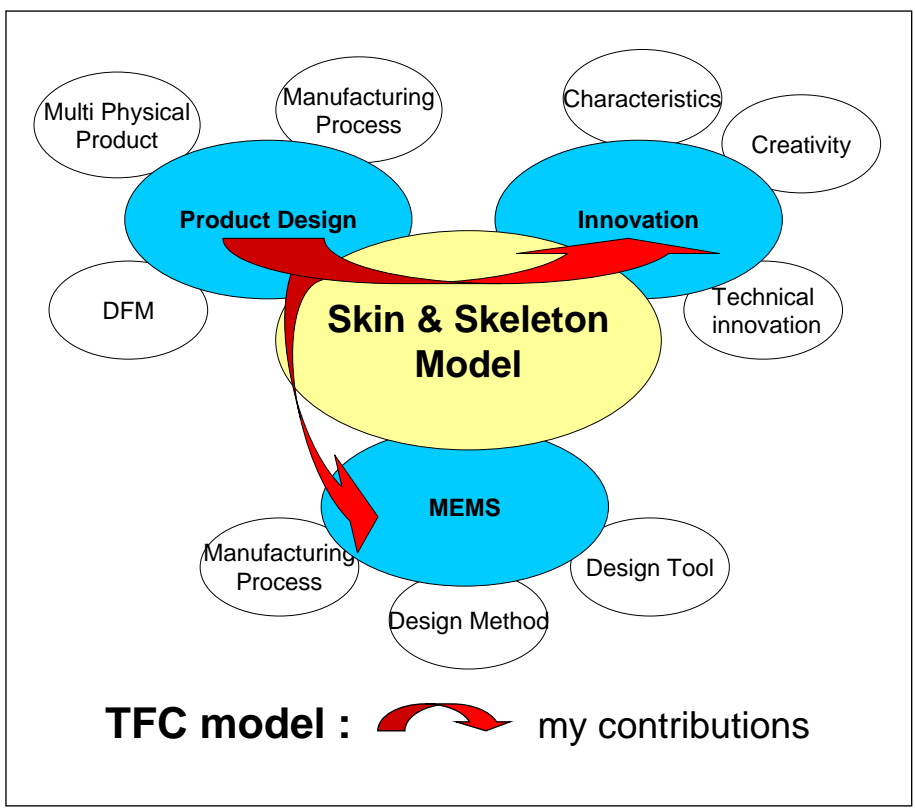


Objectives :

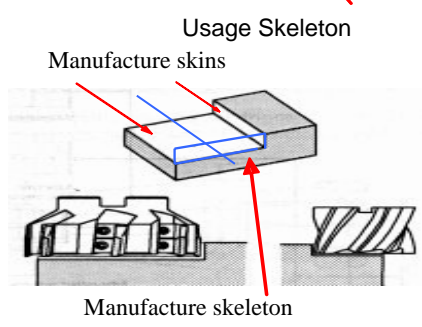
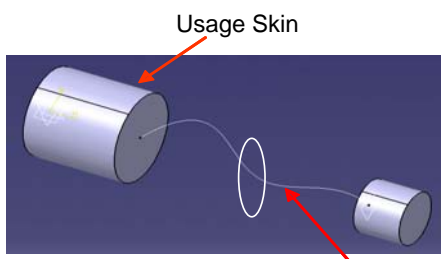
- To assess the S&S model on multi physical **product design**.
- To study the emergence of **innovative technical solutions**.
- To check the validity of the model for **MEMS** design

Research approach:

- Descriptive Study II
- Prescriptive Study



The Skin & Skeleton Model :



- **Usage Skin** : surface through which circulates energetic flows.
- **Usage Skeleton** : energetic flow trajectory in a product.
- **Manufacture Skeleton**: material flow trajectory, during manufacturing.
- **Manufacture Skin**: surface generated by manufacturing processes.