

## DISCUSSION

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Authors: Brooks, Elliman, Chia

Norman Swindells: If your system does not include materials data how do you analyze possible failure modes of the components.

R Brooks (author's response): Perhaps I did not make it clear, but CMS operates as one module within a larger materials design system. Its file transfer facility allows close interaction with a materials database and materials selection software. Current developments are aimed at allowing the user to run the system in parallel with the materials database module in a multiwindow environment using X-windows protocol. Any formula-based analysis involving failure criteria can be programmed into the system and resulting parameters communicated to the database for selection purposes.