

David Carchedi: A differential graded approach to derived manifolds

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What "derived manifolds" ought to be?

1) Fully contain the category of ordinary manifolds.

2) Fibered products should always make sense.

Why should one care?

1. Many moduli spaces can be modeled by

$$V \longrightarrow N \xrightarrow{\downarrow} \text{Mfld} \dots$$