

**Lawvere, F. William**

**Toward the description in a smooth topos of the dynamically possible motions and deformations of a continuous body.** (English) [Zbl 0472.18009](#)  
Cah. Topol. Géom. Différ. 21, 377-392 (1980).

For a scan of this review see the [web version](#).

**MSC:**

- [18F15](#) Abstract manifolds and fiber bundles (category-theoretic aspects)
- [18B25](#) Topoi
- [74Axx](#) Generalities, axiomatics, foundations of continuum mechanics of solids
- [18D15](#) Closed categories (closed monoidal and Cartesian closed categories, etc.)
- [03A05](#) Philosophical and critical aspects of logic and foundations
- [58A10](#) Differential forms in global analysis

Cited in **2** Reviews  
Cited in **14** Documents

**Keywords:**

[continuum mechanics](#); [synthetic differential geometry](#)

**Full Text:** [Numdam](#) [EuDML](#)