

**Popescu, Marcela; Popescu, Paul**

**On algebra bundles and pseudo-morphisms.** (English) Zbl 1049.58501  
*Gen. Math.* 5, 331-337 (1997).

**Summary:** The aim of this paper is to define associative algebra bundles which have as fibre a real associative algebra. The real, complex and quaternionic models for the fibre of the algebra bundles are considered as examples. Pseudo-morphisms of algebras and of associative algebra bundles are defined as generalisations of morphisms. Some further results concerning these pseudo-morphisms are also stated.

**MSC:**

**58H99** Pseudogroups, differentiable groupoids and general structures on manifolds

**Keywords:**

associative algebra bundles; quaternionic models; pseudo-morphism

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