

**Year:** 2021 **Vol.:** 98 **Fasc.:** 3-4

**Title:** When are Ore extensions over nil rings Brown–McCoy radicals?

**Author(s):** Wagner Cortes and Edilson Soares Miranda

In this paper, we consider the Ore extension  $R[x; \sigma, d]$ , where  $R$  is an associative ring,  $\sigma$  is an automorphism, and  $d$  a  $\sigma$ -derivation of  $R$ . We study when  $R[x; \sigma, d]$  is Brown–McCoy radical.

**Address:**

Wagner Cortes  
Instituto de Matemática e Estatística  
Universidade Federal do Rio Grande do Sul  
91509-900, Porto Alegre, RS  
Brazil

**Address:**

Edilson Soares Miranda  
Departamento de Ciências  
Centro de Ciências Exatas  
Universidade Estadual de Maringá  
CEP 87360-000, Goioere, PR  
Brazil