1012-16-167   **James J Zhang** (`zhang@math.washington.edu`), Department of Mathematics, Box 354350, University of Washington, Seattle, WA 98195, and **Jun Zhang*** (`junz@math.washington.edu`), Department of Mathematics, Box 354350, University of Washington, Seattle, WA 98195. *Regular algebras of dimension 4.*

Based on the structure matrices of their Yoneda Ext-algebras, we construct a new family of quardratic Artin-Schelter regular algebras of global dimension four. (Received September 19, 2005)

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