1161-20-14　　　　　**Nham Ngo*** (`nvngo@ung.edu`), University of North Georgia - Gainesville, Department of Mathematics, Oakwood, GA 30566, and **Jerry Magana** (`jmaga0242@ung.edu`), University of North Georgia - Gainesville, Department of Mathematics, Oakwood, GA 30566. *Module varieties of quotients of polynomial algebras.*

In this talk, we give an explicit description of all irreducible components in the varieties of 3-dimensional modules for the algebras

$$k\left[x_1, \ldots, x_r\right] / \left\langle x_i^{a_i} : 1 \le i \le r \right\rangle$$

where k is an algebraically closed field, r is a positive integer and $a_i \ge 2$ for all $1 \le i \le r$.

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