1056-94-1747   **Nigel Boston*** (`boston@math.wisc.edu`), Department of Mathematics, University of Wisconsin, Madison, WI 53706. *Algebra and Multi-Camera Networks.*

Multi-camera networks are a rapidly developing area of research with applications to security, smart homes, and environmental monitoring. Their study combines computer vision, sensor networks, and cryptography. We will indicate how advanced algebra can aid with all three of these tasks. (Received September 22, 2009)