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Stop 4408, Carbondale, IL 62901. *Determination of Quadratic Lattices by Local Structure and
Sublattices of Codimension One.*

For totally definite quadratic lattices over the ring of integers of a totally real algebraic number field, it is shown that lattices are determined up to isometry by their local structure and sublattices of codimension one. In particular, a theorem of Yoshiyuki Kitaoka for positive definite \mathbb{Z} -lattices is generalized to lattices over totally real algebraic number fields. (Received September 17, 2014)