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Sur la classification des réseaux parfaits de dimension 5

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ABSTRACT. English title: *On the classification of* 5*-dimensional perfect lattices.* Using methods of Watson, we give a short proof of Korkine and Zolotareff's classification of 5-dimensional perfect lattices. Using a description of sub-lattices of rank 5 generated by minimal vectors, we are led to consider three classes of lattices, each of which containing exactly one perfect lattice.

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Mots-clefs. Réseaux euclidiens, réseaux parfaits.