

## **A COMPUTATIONAL APPROXIMATION TO CLASS NUMBERS OF CERTAIN REAL QUADRATIC FIELDS**

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### **Abstract**

In the literature there have been considerable studies on the class numbers of the real quadratic fields. Furthermore, these investigations have focused on Richaud-Degert (R-D) type real quadratic fields. In this paper, we have considered the real quadratic fields that have been written in several types and have some new results dealing with the obtained class numbers of these fields.

**Keywords :** Real quadratic field, Fundamental unit, Class number.

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