

The goal of this work is to characterize all norm-euclidean quadratic extensions of  $\mathbb{Q}$ . The work treats completely the part of imaginary quadratic extensions. In the case of real quadratic extensions, we give a list of such discriminants  $D$  that the field  $\mathbb{Q}(\sqrt{D})$  is norm-euclidean. Furthermore, we prove an estimate  $D < 2^{14}$  for all norm-euclidean fields  $\mathbb{Q}(\sqrt{D})$ . Subsequently, the case  $D \not\equiv 1 \pmod{4}$  is discussed in detail. For the case  $D \equiv 1 \pmod{4}$  we mention references to the results of other authors.