

In 2001 Stephen Locke conjectured that for every balanced set  $F$  of  $2k$  faulty vertices in the  $n$ -dimensional hypercube  $Q_n$  where  $n \geq k + 2$  and  $k \geq 1$  the graph  $Q_n - F$  is hamiltonian. So far the conjecture remains open although partial results are known; some of them with additional conditions on the set  $F$ . We explore hamiltonicity of  $Q_n - F$  if the set of faulty vertices  $F$  forms certain isometric subgraph in  $Q_n$ . For an odd (even) isometric path  $P$  in  $Q_n$  the graph  $Q_n - V(P)$  is Hamiltonian laceable for every  $n \geq 4$  (resp.  $n \geq 5$ ). Although a stronger result is known, the method we use in proving the theorem allows us to obtain following results. Let  $C$  be an isometric cycle in  $Q_n$  of length divisible by four for  $n \geq 6$ . Then the graph  $Q_n - V(C)$  is Hamiltonian laceable. Let  $T$  be an isometric tree in  $Q_n$  with odd number of edges and let  $S$  be an isometric tree in  $Q_m$  with even number of edges. For every  $n \geq 4$ ,  $m \geq 5$  the graphs  $Q_n - T$  and  $Q_m - S$  are Hamiltonian laceable. A part of the proof is verified by a computer.