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Marco Bonatto*, marco.bonatto.87@gmail.com. *The classification of connected quandles of size p to the cube.*

We classify non-affine connected quandles of size p to the cube for p odd. As a byproduct we obtain a classification of Bruck loops of the same size and that they are in one-to-one correspondence with commutative automorphic loops. (Received September 09, 2019)