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***A countably compact, separable space which is not absolutely countably compact***

Comment.Math.Univ.Carolinae 36,1 (1995) 199-203.

**Abstract:** We construct a space having the properties in the title, and with the same technique, a countably compact  $T_2$  topological group which is not absolutely countably compact.

**Keywords:** countably compact, absolutely countably compact, topological group, Franklin-Rajagopalan space

**AMS Subject Classification:** Primary 54D20, 54B10, 54G20, 54H11; Secondary 22A05