

Assignment 11.9.5 _6Q

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QUESTION

A spiral is made up of successive semicircles, with centres alternately at A and B, starting with centre at A, of radii 0.5cm , 1.0cm , 1.5cm , 2.0cm , ... as shown in Fig.5.4. what is the total length of such a spiral made up of thirteen consecutive semicircles? (Take $\pi = \frac{22}{7}$)

