Partial Sum

Alecia Wright

February 2019

1 Partial Sum

$$\sum_{i=1} (ii/ii^2 + ii^5)]$$

This is the first fifteen [0.40235947810852507, 1.0920683910788975, 2.03582582316551, 3.150256629601063, 4.3821868585176595, 5.698632738475017, 7.078041155370494, 8.50560436168216, 9.97072529972609, 11.465568608597065, 12.984186093648805, 14.521963546588314, 16.07525668588714, 17.641143401702017, 19.217250275691026]

- This is the last fifteen [127.42407922091763, 128.87576120195558, 130.32486355928938, 131.77140200437918, 133.21539220788327, 134.65684979179488, 136.09579032227995, 137.53222930316028, 138.96618216999204, 140.39766428469284, 141.8266909306748, 143.25327730844444, 144.67743853163307, 146.09918962342476, 147.51854551335109]

I think that the series will diverge by applying the Divergence Test.