

MATH CHALLENGE

of the ECU Math Club

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MC3

Without the use of a computer or calculator, find the exact value of the

sum

$$\frac{1}{1} + \frac{1}{1+2} + \frac{1}{1+2+3} + \dots + \frac{1}{1+2+3+\dots+2019}.$$

Submissions due: 12:00pm, April 12, 2019

Submit solutions to Dr. Sit as hard copy to Wallace 410 or as email to Atilla.Sit@eku.edu (PDF only).

Solutions must include all supporting work.

Top solvers will be recognized.