

1135-VV-351 **John Risher*** (riserjt@email.sc.edu) and **Wei-Kai Lai** (laiw@mailbox.sc.edu). *On Some Inequality Problems*. Preliminary report.

In Cvetkovski's book "Inequalities: Theorems, Techniques and Selected Problems" we found some patterns from several inequalities with sums of fractions in three variables. In this talk we first prove a more generalized case using the technique introduced by Cvetkovski. We then provide a different proof of the new result, together with some special cases. (Received August 27, 2017)