192 SYLLABUS

GENERAL RELATIVITY WITHOUT TENSOR CALCULUS

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Meetings: Wednesdays 10:00 am - 10:50 am SERF 383

SEMINAR CONTENT

An introduction to the ideas of Einstein’s General Relativity will be given. We will discuss its experimental verification and will discuss its application to the evolution of the Universe. The only math required is multivariable calculus as taught in Math 20C (no tensor calculus will be used).

Prerequisites: Upper division standing; Department stamp and/or consent of the instructor. Students should use VAC to enroll in the seminar.