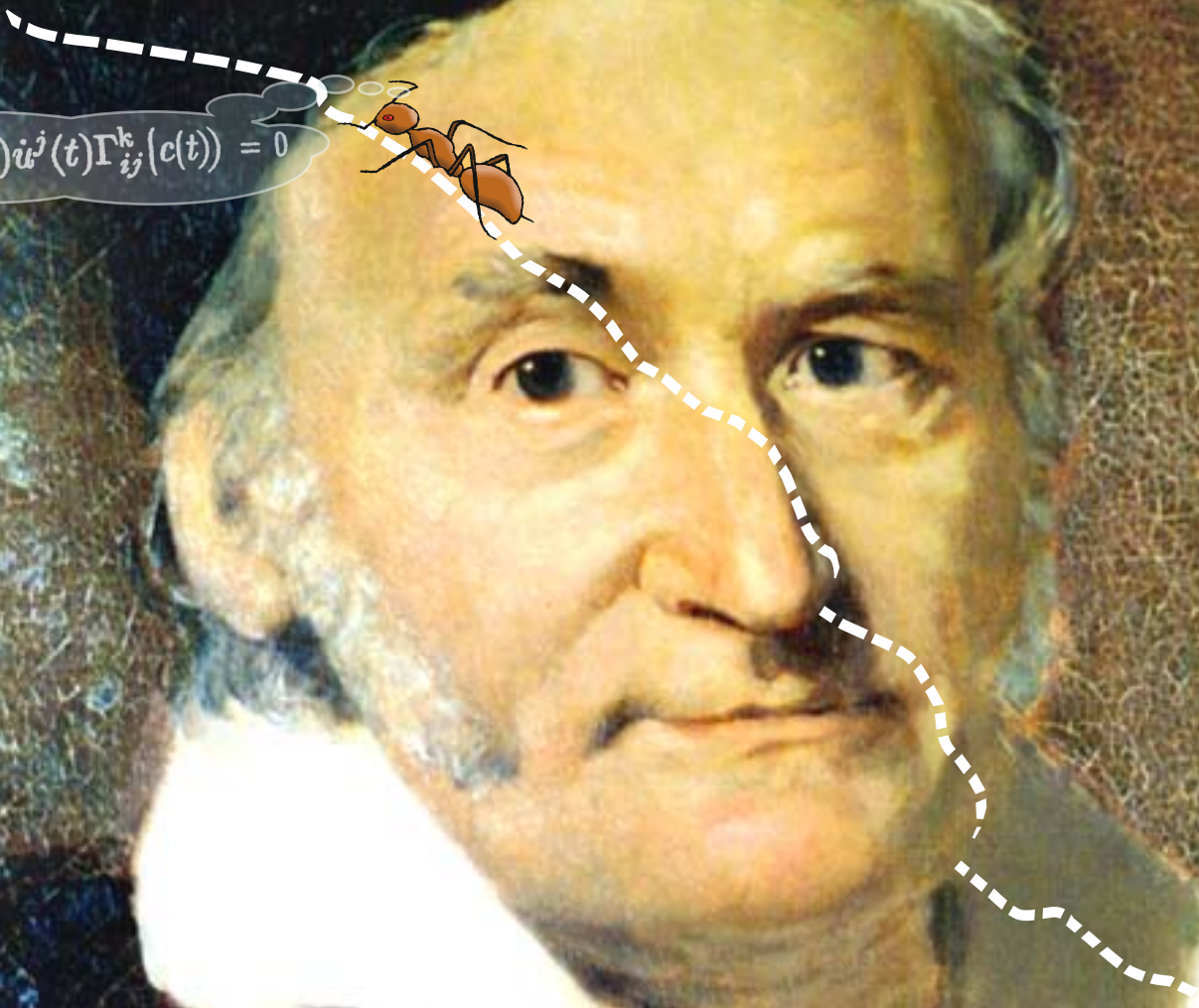


Spring 2009 Course Announcement

Differential Geometry

Curves and surfaces • Manifolds in Euclidean and Minkowski space • Covariant derivative and geodesics
Riemannian manifolds • Curvature tensor • Spaces of constant curvature • Einstein spaces and other physical applications


$$\ddot{u}^k(t) + \dot{u}^i(t)\dot{u}^j(t)\Gamma_{ij}^k(c(t)) = 0$$

MATH 5640

MW 2:45-4pm, RH 247

www.uwyo.edu/moorhouse/courses/5640/

satisfies broadening course requirement

Prof. Dan Stanescu

Prof. Eric Moorhouse

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Department of
Mathematics