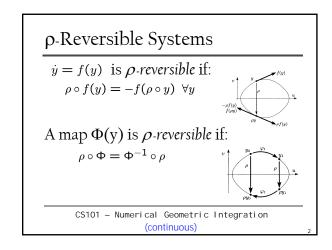
CS 101

Numerical Geometric Integration

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Time-Reversible Systems $\rho(u, v) = (u, -v)$ $\dot{u} = f(u, v), \dot{v} = g(u, v)$ Example: f(u, -v) = -f(u, v) g(u, -v) = g(u, v)Special Cases: $\dot{u} = v, \dot{v} = g(u)$ H(p,q) = H(-p,q)CS101 – Numerical Geometric Integration

