GEOMETRIC NUMERICAL INTEGRATION

Thursday 1	3 December PM	CO 118
14.50–15.15	Laurent O. Jay Butcher Trees and Curve Search in Nonlinear Optimize	ation
15.15-15.40	John Butcher	
16.00-16.25	G-Symplectic General Linear Methods Yousaf Habib	
10.00-10.25	Symplectic Methods with Transformations	
16.25 - 16.50	Dion O'Neale	
1050 1515	Geometric Integration, High Oscillation and Resonance	2
16.50–17.15	Klas Modin On Explicit Adaptive Symplectic Integration of Separal tonian Systems	ole Hamil-
17.15-17.40	Robert McLachlan	
	Achieving Brouwer's Law of Round-off Error	
Friday 14 I	December AM	CO 118
9.50–10.15 10.15–10.40	Melvin Leok Homogeneous Variational Integrators for Lagrangian on Two-Spheres Mayya Tokman	Dynamics
11 00 11 05	Evaluating Performance of Exponential Integrators	
11.00–11.25	Allison Heard Stability of Numerical Solvers for Ordinary Differentia	l Fauations
11.25-11.50	Philip Zhang	-1
11 50 10 15	Dynamics and Numerics of Some Generalised Euler Ed	quations
11.50–12.15	Will Wright The Efficient Evaluation of Functions Related to the M ponential	Matrix Ex-
12.15 - 12.50	Reinout Quispel	
	Geometric Integration of Ordinary Differential Equation	ns
Saturday 1	5 December AM	OLT 122
11.50–12.15	Gustaf Söderlind Adaptive Geometric Integration: Structural Aspects of Step Size Control	Reversible