

Errata

Page 5, line-11, 'dimension'-change to 'dimensions'

Page 5, line-10, 'analytically can'-change to 'can analytically'

Page 6, line 1, 'modified differential equation'-change to 'modified vector field'

Page 6, line 3, 'not B-series'-change to 'coloured B series'

Page 11, line -8, ' $\varphi_{o,x}$ '-change to ' $\varphi_{0,F}(x)$ '

Page 11, line -8,-7, ' $\varphi_{s,\varphi_t,x}, \varphi_{s+t,x}$ '-change to ' $\varphi_{s,\varphi_t,F}(x), \varphi_{s+t,F}(x)$ ' respectively

Page 15, line 2,3, 'tr(da)' \rightarrow 'Tr(da)'

Page 17, line 12, ' $\frac{\partial^2}{\partial q^i \partial q^j}$ '-change to ' $\frac{\partial L^2}{\partial q^i \partial q^j}$ '

Page 24, line 11, ' $\partial_1 \frac{\partial X_1}{\partial x_3}$ '-change to ' $\partial_1 f_1 \frac{\partial X_1}{\partial x_3}$ '

Page 25, line 1, '(3.3) is true'-change to '(3.4) is volume preserving'

Page 33, line -12, ' $dX_2 \wedge dX_2$ '-change to ' $dX_2 \wedge dX_1$ '

Page 46, line 16, 'h'-change to ' Δt '

Page 49, [4], 'Numericshe'-change to 'Numerische'

Page 49, [5], 'Spring'-change to 'Springer'

Page 49, [6], 'Comout'-change to 'Comput'

Paper A, page 273, line -12, ' $x_i^{l_n}$ '-change to ' $x_n^{l_n}$ '

Paper B, page 2, line -7, ' N '-change to ' \mathbb{N} '

Paper B, page 5, line 4, both ' \dot{x}_i '-change to ' \dot{x} '

Paper B, page 5, line 15, 16, the last two ' \square '-change to ' $()$ '