ERRATA TO
HYPERBOLIC CONSERVATION LAWS IN CONTINUUM PHYSICS
4th Edition, 2016

Page VII, line 11–: "is that" should read "in that"
Page XVII, line 15: "Burtton" should read "Burton"
Page XXX, line 4: "polytropic" should read "ideal"
Page 12, Eq. (1.3.19): $\int_0^\varepsilon A(x-tN)Ndt$ should read $\int_0^\varepsilon A(X-tN)Ndt$
Page 64, line 14–: "polytropic" should read "ideal"
Page 88, line 3–: "is elastodynamics" should read "in elastodynamics"
Page 125, line 9–: "previous three" should read "previous two"
Page 154, line 16: "$\hat{\lambda}_1(V;\nu),\dots,\hat{\lambda}_k(V;\nu)$" should read "$\hat{\lambda}_1(\nu;V),\dots,\hat{\lambda}_k(\nu;V)$"
Page 173, line 14: "mei" should read "Mei"
Page 320, line 10–: "polytropic" should read "ideal"
Page 322, Eq. (9.6.4), line 1: "∞" should read "$-\infty$"
Page 364, Lemma 10.3.4, line 3: "*ψ is maximal*" should read "*φ is maximal*"
Page 551, Eq. (14.12.2): "$\overline{W}$" should read "$\bar{W}$"
Page 612, Eq. (16.6.17), line 3: "$|V_0(y)|^2$" should read "$|V_0(x)|^2$"

Page 12, the last three sentences in Remark 1.3.5 should be modified as follows:

Consider next any $\mathcal{D}$ with the *segment property*, namely with any $X_0 \in \partial\mathcal{D}$ are associated $r > 0$ and a nonzero k-vector M such that for all X in the set $\mathcal{C} = \partial\mathcal{D} \bigcap \mathcal{B}_r(X_0)$, and $0 < t < 1$, the point $X - tM$ lies in $\mathcal{D}$. Then, applying (1.3.14) for test functions ϕ with level surfaces the translates of $\mathcal{C}$ in the direction $-M$, we conclude that
(9.8.14)
$$q_{\mathcal{D}}(X) = \operatorname{ess}\lim_{t\to 0} A(X-tM)N(X) = \lim_{\varepsilon\to 0}\frac{1}{\varepsilon}\int_0^\varepsilon A(X-tM)N(X)dt,$$

where $N(X)$ denotes the unit normal on $\partial\mathcal{D}$ at $X \in \mathcal{C}$ and the limits are taken in $L^\infty(\mathcal{C})$ weak*.