

ERRATA:

- p. 2, l. 1 after Eq. 1.2: instead of *planetray*, read *planetary*
- p. 7, § 1, l. 5: *turbulent mixing and molecular diffusion*
- p. 10, Fig. 2.5: instead of *Plot of the the* read *Plot of the*
- p. 13, last §, l. 2: instead of *model* read *models*
- p. 13, last §, l. 13: instead of *consistent* read *consistent with*
- p. 23, Eq. 3.1 : instead of \vec{c} ; ∇_c ; dc_2 read \vec{v} ; ∇_v ; dv_2
- p. 24, Eq. 3.15: instead of v_t read v_{st}
- p. 24, § 2, l. 3: instead of *distribution* read *velocity distribution*
- p. 24, § 2, l. 4: instead of *particules* read *particles*
- p. 25, Eq. 3.15: instead of $\int f(\vec{r}, \vec{c}, t) d\vec{c} = n(\vec{r}, t)$ read $\int f(\vec{r}, \vec{v}, t) d\vec{v} = n(\vec{r}, t)$
- p. 33, Fig. 3.6 c legend: instead of *eve*, read *even*
- p. 34, Eq. 3.30 : instead of \vec{c} read \vec{v}
- p. 34, Eq. 3.31 : instead of dc_2 read dv_2
- p. 36, last §, l. 7: instead of *stil* read *still*
- p. 39, § 2, l. 1: instead of *showen* read *shown*
- p. 39, § 4, l. 7: instead of *hydrogen molecules* read *hydrogen atoms*
- p. 50, l. 7: instead of *sextreme value* read *extreme values*
- p. 52, § 1, l. 4: instead of *nitrogen molecules* read *nitrogen atoms*
- p. 52, § 3, l. 3: instead of *has no* read *has not*
- p. 55, § 2, l. 9: instead of *discretisation.* read *discretisation,*
- p. 55, § 2, l. 11: instead of *improved* read *improve*
- p. 62, § 2, l. 3: instead of *dimensionnal* read *dimensional*
- p. 64, § 1, l. 1 : instead of *northwars* read *northwards*