

A. The Navier–Stokes Equations

1. Paper [6], formula (1.13): remove the last “= 0” (for B_j).
2. Paper [11], sentence after (4.58): insert “ u_{N+1} ” after “since”, and add the terms “multiplied by $e^{-\mu_{N+1}t}$ ” after “ G_{μ,σ_0} -valued polynomial” .

Explanations: Summing up (4.58) is permitted by simply working with the coefficients of the polynomials.

3. Paper [12]:
 - (a) Page 113, line 3: replace “linear” with “bilinear”
 - (b) After (3.15), in the formula of ξ_1 : remove $e^{\mu_1\tau}$ in the integral.
 - (c) Before (3.33), in the formula of ξ_{N+1} : remove $e^{\mu_{N+1}\tau}$ in the integral.
4. Paper [7]:
 - (a) The end of (2.11): \mathbb{R}^n should be \mathbb{R}^3 .
 - (b) At the bottom of page 990, replace $(e^{-(\mu_N+\varepsilon_N/2)t})$ with $\mathcal{O}(e^{-(\mu_N+\varepsilon_N/2)t})$
5. Paper [8]:
 - (a) Page 5, after (2.4): replace “eigenvector” with “eigenvalue”.
 - (b) Page 20, line 4: change $\mathcal{E}_{\mathbb{K}}(m, k, -\mu)$ to $\mathcal{E}_{\mathbb{C}}(m, k, -\mu)$
 - (c) Page 21, line 5: change $\mathcal{E}_{\mathbb{C}}(m, N, -\mu)$ to $\mathcal{E}_{\mathbb{C}}(m, k, -\mu)$
 - (d) Page 21, line 6: change $\mathcal{E}_{\mathbb{K}}(m, N, -\mu)$ to $\mathcal{E}_{\mathbb{C}}(m, k, -\mu)$
 - (e) Page 25, after (5.25): $(\mathcal{Z}_{A_{\mathbb{C}}}p)\dots \in G_{\alpha+1,\sigma}$ should be $(\mathcal{Z}_{A_{\mathbb{C}}}p)\dots \in G_{\alpha+1,\sigma,\mathbb{C}}$
 - (f) Page 30, 2nd line after (6.30): replace $T_* > E_k(0)$ with $u(t)$ is a Leray-Hopf weak solution on $[T_*, \infty)$
 - (g) Page 31, (6.33): replace C with C^2
 - (h) Page 35, lines -1 and -2 : $\sum_{k=1}^N$ should be $\sum_{\lambda=1}^N$

B. Porous Media Equations

1. Paper [1], formula (37) and line 1 of the next page: replace $(K(\xi)\xi^n)$ with derivative $(K(\xi)\xi^n)'$
2. Paper [9], Lemma 2.3, inequality (2.24) and first inequality of part (ii): replace “ $\geq a$ ” with “ $\geq (1 - a)$ ”
3. Paper [10]:
 - (a) Page 279, line 3: insert “ $+2s$ ” in front of the integral.
 - (b) Page 330, the line above (A.10): \tilde{A} should be $(A_1D^{\mu_1} + A_2D^{\mu_2})/D^{\mu_1}$.
4. Paper [5]:
 - (a) Lemma A.1: Because $\prod \gamma_j$ is convergent and by the Cauchy criterion, the sequence $(G_j)_{j=1}^{\infty}$ is bounded. Hence number G is finite.
5. Paper [4]:
 - (a) Line 3 from the bottom of page 3632, line 3 of page 3633, and line 2 of page 3635: The constant C should be \bar{C} .
 - (b) Page 3633, inequality (4.6): the last two terms should be multiplied by 2.
 - (c) Page 3634, after (4.11): value of ε should be $(\alpha - \lambda)d_3/32$.

C. Ordinary Differential Equations

1. Paper [2]:
 - (a) Page 1195: In (3.5), $\varepsilon_0 = C_0/2$.
2. Paper [3]:
 - (a) Page 17: 2nd line after (4.25), $\sum_{j=1}^m \mu_{k_j}$ should be $\sum_{j=1}^m \tilde{\mu}_{k_j}$
 - (b) Page 17: after (4.26), “condition (4.27)” should be “condition (4.26)”
 - (c) Page 20, last line, and page 21, lines 3 and 6: “ z_N ” should be “ z_m ”.

References

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