

**Arnold, V.**

**Chapitres supplémentaires de la théorie des équations différentielles ordinaires. Traduit du russe par Djilali Enbarek.** (French) [Zbl 0455.34001](#)

Moscou: Editions Mir. 323 p. R. 2.61 (1980).

For a scan of this review see the [web version](#).

**MSC:**

- 34-01** Introductory exposition (textbooks, tutorial papers, etc.) pertaining to ordinary differential equations
- 34C25** Periodic solutions to ordinary differential equations
- 37G99** Local and nonlocal bifurcation theory for dynamical systems
- 34A05** Explicit solutions, first integrals of ordinary differential equations
- 34E05** Asymptotic expansions of solutions to ordinary differential equations

Cited in **4** Reviews  
Cited in **49** Documents

**Keywords:**

partial differential equations of first order; manifold of the 1-jets of functions; integration by quadrature; asymptotics methods; method of the means; method of the normal forms of Poincare; bifurcation theory