

**Agrachev, A. A.; Gamkrelidze, R. V.**

**Exponential representation of flows and chronological calculus.** (Russian) Zbl 0408.34044  
Mat. Sb., Nov. Ser. 107(149), 467-532 (1978).

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

**MSC:**

- [37C10](#) Dynamics induced by flows and semiflows
- [34A34](#) Nonlinear ordinary differential equations and systems, general theory
- [34E05](#) Asymptotic expansions of solutions to ordinary differential equations
- [34A99](#) General theory for ordinary differential equations
- [34E10](#) Perturbations, asymptotics of solutions to ordinary differential equations

Cited in **9** Reviews  
Cited in **44** Documents

**Keywords:**

Nonstationary Flows; Exponential Solution; Chronological Series; Converging Series; Asymptotic Representations; Pontryagin's Maximum Principle; Singular Optimal Problems