

## Werk

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Substituting (34) in (38) and making use of the Stirling formula, (36), (39)–(42) we obtain that

$$\pi^{-1} e^{\gamma} (1 + a e^a) b (2 n e)^{1/2} \eta^{-1/2} \rightarrow 1 \quad \text{with} \quad e^{\gamma} (1 + a e^a) b \rightarrow \infty,$$

which is equivalent to (8).

#### References

- [1] *A. Halanay, J. Kurzweil*: A Theory of Invariant Manifolds for Flows, Rev. Roum. math. pures et appl., *XIII* (1968), 1079–1087.
- [2] *J. Kurzweil*: Invariant Manifolds for a Class of Linear Functional Differential Equations, Rev. Roum. math. pures et appl., *XIII* (1968), 1113–1120.
- [3] *J. Kurzweil*: Invariant Manifolds I, Comm. Math. Univ. Carolinae *11* (1970), 309–336.
- [4] *E. F. Beckenbach, R. Bellman*: Inequalities, Springer-Verlag, Berlin 1961.
- [5] *Ф. Р. Гантмахер*: Теория матриц, Изд. Наука, Москва 1966.

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