$$C$$
 and $Cf = Af + Bf$ for all $f \in D_0$.

Notes

For a more complete information on semigroup theory we refer the reader to [Hille-Phillips (1957)], to the recont monographs by [Davies (1980)], [Goldstein (1985a)] and [Pazy (1983)], to the survey article by [Krein-Khazan (1985)] and to the bibliography by [Goldstein (1985b)].

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