On endomorphisms and endomorphism semigroups of semigroups

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In this talk we give a short overview on endomorphisms and endomorphism semigroups of semigroups. We consider the following topics:

1. Early papers on endomorphisms of semigroups.
2. Studies of Estonian algebraists on endomorphisms of semigroups.
3. Endomorphism semigroups of bands.
4. Endomorphisms of transformation semigroups.
5. Endomorphisms of free semigroups.
6. Endomorphisms of Brauer type semigroups.
7. Endomorphisms of matrix semigroups.
8. Endomorphisms of Clifford semigroups.
9. Endomorphisms of semigroups $\text{End}(\mathcal{A})$.
10. Semigroups with the ideal retraction property.
11. Some other results.