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AFFINE APPLICATIONS IN OPERATIVE SPACES ¹

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We prove a new normal form theorem for a special kind of expressible mappings in operative spaces with iteration. As a consequence, this provides a large class of models for the type-free implicative linear logic and a natural connection between operative spaces and the systems of algebraic recursion theory based on the linear or affine application which were studied previously.

Keywords: algebraic recursion theory, combinatory logic, linear logic

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