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On systems of parabolic equations with unbounded coefficients (Part II)

I will continue the investigation on systems of parabolic equations (coupled up to the first order) with unbounded coefficients defined in the whole $\mathbb{R}^d$, started in the talk by L. Lorenzi. In particular I will consider the case when the problem is set in an L^p-context more appropriate than the Lebesgue one. After giving the definition of *systems of invariant measures* which extends to the vector-valued case the notion of invariant measure of the scalar case, I will show some properties of the solution of the Cauchy problem associated, in these L^p-spaces.