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On divergence-free (form-bounded type) drifts

We develop regularity theory for elliptic operator with drifts in a large class of divergence-free singular vector fields. A key ingredient of the proof is a new iteration procedure used within De Giorgi's and Moser's methods, playing the same role as e.g., the compensated compactness needed to handle BMO^{-1} drifts. This is joint work with Damir Kinzebulatov.