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Colin Klaus* (klaus.68@mbi.osu.edu), **Emmanuele DiBenedetto** and **Ugo Gianazza**. *A Necessary and Sufficient Condition for the Continuity of Local Minima of Parabolic Variational Integrals with Linear Growth.*

For proper minimizers of parabolic variational integrals with linear growth with respect to $|Du|$, a necessary and sufficient condition for u to be continuous at a point (x_0, t_0) in terms of a sufficient fast decay of the total variation of u about (x_0, t_0) is given. These minimizers arise also as proper solutions to the Total Variation Flow (parabolic 1-Laplacian). Hence, the continuity condition is in force for such solutions. (Received September 26, 2017)