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University of Ottawa, 585 King Edward, Ottawa, ON K1N 6N5, Canada. *Hyperbolicity of graphs  
associated with fractal sets*. Preliminary report.

We shall present criteria which guarantee that various graphs associated with fractal sets are Gromov hyperbolic. In this situation the fractal set itself can be realized as the hyperbolic boundary of the associated graph. We shall discuss applications of this presentation. (Received June 29, 2011)