Rosihan M Ali* (rosihan@cs.usm.my), School of Mathematical Sciences, Universiti Sains Malaysia, 11800 Penang, Malaysia, and Yusuf Abu Muhanna, Department of Mathematics, American University of Sharjah, Sharjah, United Arab Emirates. Bohr’s phenomenon for analytic functions and the hyperbolic metric.

A link is established between Bohr’s inequality for classes of analytic functions and the hyperbolic metric. The classes considered consist of analytic functions mapping the unit disk respectively into the right half-plane, the slit region, and to the exterior of the unit disk. (Received June 30, 2012)