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Popularizing the Mathematics of Mathematics Education

Many of the areas/topics/branches of mathematics are well represented in the teaching and learning of mathematics, school mathematics, curricula, and mathematics education. For example, geometry, algebra, arithmetic, calculus, topology, trigonometry, number theory, probability and statistics, and more are steadfast staples of mathematics education. The same cannot be said, however, for what I deem a crucial area/topic/branch of mathematics and mathematics education: popularization. Taking my argument a step further, I would argue that the key aspect to popularizing geometry, algebra, arithmetic, calculus, topology, trigonometry, number theory, probability and statistics would be to popularize the teaching and learning of said areas/topics/branches. However, for some reason, this popularization is not happening to the same extent in mathematics as mathematics education. Embracing, then, the mathematics of mathematics education, the purpose of this presentation is to contribute to the betterment of the popularization of mathematics through mathematics education. Popularization of mathematics education, as I will detail, should be drawing upon the popularization of the teaching and learning of mathematics, school mathematics, curricula and mathematics education, which will help wine and dine regular readers, especially those who are and who are not reluctant to reading mathematics for the masses.