Comments on: Folding optimal polygons from squares

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It is interesting to note that the underlying basic process used to find the strip bounding the polygons is related to the so-called rotating caliper method [10, 9, 2]. In the present article, the method is said to be the one used to establish the model for the irregularity of fluid flow in piston pumps, but the rotating caliper seems to be the original source of both.

This method is also used to derive bounding boxes (circumscribe rectangle), see [1, 4]. Some associated algorithms are also studied from their complexity point of view, some extended the problem in higher dimensions [8]. Other related references are: [5, 11, 7, 6, 3].

References


