5. R. Knott, Fibonacci and phi formulae, (2015). http://www.maths.surrey.ac.uk/hosted-sites/R.Knott/Fibonacci/fibFormulae.html
6. D. E. Knuth, *The art of computer programming*, (vol. 1), Addison-Wesley (1968).
7. D. Bradley, Hypergeometric functions related to series acceleration formulas, in *Tapas in Experimental Mathematics*, Proceedings of the AMS Special Session on Experimental Mathematics (edited by T. Amdeberhan and V. Moll), Contemporary Mathematics **457**, American Mathematical Society (2008).

10.1017/mag.2016.79
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100.27 Proof without words: $\arcsin x + 2\arcsin\sqrt{\dfrac{1-x}{2}} = \dfrac{\pi}{2}$

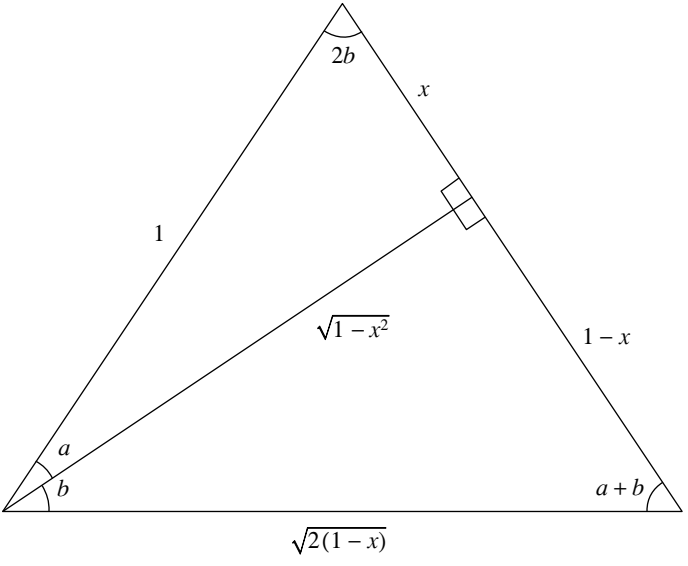


FIGURE 1

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