Pell Numbers in Memory of John M. Freeman

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If you google "Pell number", you will see about 23,200 results. There are around 360 items on Pell number in the On-Line Encyclopedia of Integer Sequences. Mathematicians and Computer Scientists love Pell numbers because they seem to be very easy, but they are related to many challenging topics. We will discuss some properties, algorithms, and Python programs used to generate Pell numbers, conjectures, and applications of Pell numbers. We would like to use this paper in memory of our dear friend, Dr. John M. Freeman.

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