16 Nov 2019:

“2.3.4. Pressure vessel design", it says that x\_1 and x\_2 should be between 1 and 99. But in the original definition of the problem, x\_1 and x\_2 are discrete values which are integer multiples of 0.0625 inch. Therefore x\_1 and x\_2 should be between 1\*0.0625 and 99\*0.0625. Because of this constraint, the proven optimum value of the problem is 6059.714335048436 at X= (0.8125, 0.4375, 42.0984455958549, 176.6365958424394).”