

CORRIGENDUM

Machine-learning guided optimization of laser pulses for direct-drive implosions - CORRIGENDUM

Fuyuan Wu, Xiaohu Yang, Yanyun Ma, Qi Zhang, Zhe Zhang, Xiaohui Yuan, Hao Liu, Zhengdong Liu, Jiayong Zhong, Jian Zheng, Yutong Li, and Jie Zhang

DOI: <http://doi.org/10.1017/hpl.2022.4>

There was a mistake in the value of V in the righthand column of [Table 1](#). A correct version of the table is below.

Table 1. Typical properties of manual optimization and machine-learning optimization.

Properties	Manual optimization	Machine learning optimization
ρ (g/cm ²)	0.38	0.62
T_i (keV)	0.25	0.23
V (km/s)	233	223
IFAR	35	28
Energy (kJ)	2×6	2×5

Also, the units of this value when stated in the text were incorrectly stated as g/cm², where they should have been stated as km/s.

The relevant sentence in the paragraph below [Table 1](#) should read:

The implosion velocity decreases a little (from 233 to 223 km/s) due to the reduced drive energy.