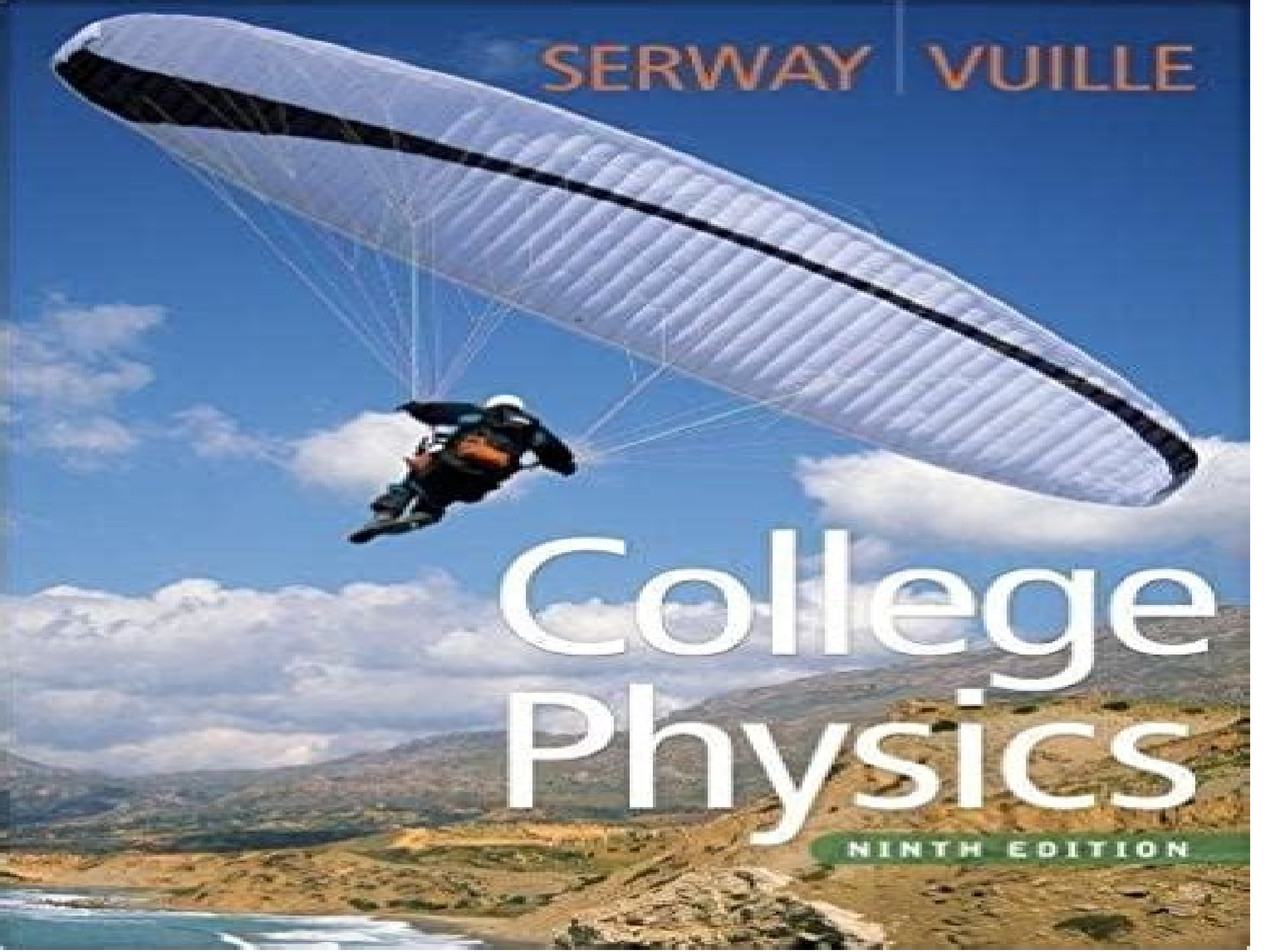


A person in a black and orange jumpsuit is paragliding over a coastal landscape. The paraglider is a large, light blue wing with black trim and a series of vertical lines. The person is suspended below the wing, and the background features a blue sky with scattered white clouds, rolling hills, and a beach with waves in the distance.

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mass C_6H_6 6 12 6 1 g mol 1 78 g mol 1 hence C_6H_6 s number of moles $30.78 \text{ mol} \times \frac{3846 \text{ mol}}{\text{molar mass of carbon tet}} \times \frac{1}{12.4355154 \text{ g mol}^{-1}}$

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