

STRUCTURE CHARACTERISTICS OF LIGHT
CLUSTER NUCLEI WITH TWO EXTRA NUCLEONS

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S u m m a r y

The cluster nuclei ${}^6\text{Li}$, ${}^6\text{He}$, ${}^{10}\text{Be}$, and ${}^{10}\text{C}$ are studied as systems consisting of α -particles and two extra nucleons. The structure functions of these nuclei are found within the variational approach. The charge density distributions, form factors, and pair correlation functions are presented and explained.