## 2001 Vol. 36 No. 3 pp.281.284 DOI:

The Spin Symmetry of Heavy Baryons in the Framework of the Bethe-Salpeter Equation CUI Jian. Ying, ${ }^{1}$ JiN Hong. Ying ${ }^{2}$ and WU Ji. Min ${ }^{2}$
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(Received: 2000.10-19; Revised: 2001-4.5)
Abstract: We study the baryons containing a heavy quark in the framework of Bethe Salpeter (BS) equation. The most general forms of the BS wavefunctions are given. In the heavy-quark limit we simplify the BS equations and we show clearly that the spin symmetry exists in heavy baryon states.

PACS: 14.20, 11.10.S
Key words: baryon, BS equation, spin symmetry

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