

Quantum Physics

# Parity proofs of the Bell-Kochen-Specker theorem based on the 600-cell

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The set of 60 real rays in four

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dimensions  
derived  
from the  
vertices  
of a 600-  
cell is  
shown to  
possess  
numerous  
subsets  
of rays  
and  
bases  
that  
provide  
parity  
proofs of  
the Bell-  
Kochen-  
Specker  
(BKS)  
theorem.  
The