

$$\begin{aligned}
(\phi, [V_+PV_- - V_-PV_+]\phi) &= (K\phi, K[V_+PV_- - V_-PV_+]\phi) \\
&= -(K\phi [V_+PV_- - V_-PV_+]K\phi) \\
&= -(\phi, [V_+PV_- - V_-PV_+]\phi), \\
&\quad (A16)
\end{aligned}$$

since  $K$  anticommutes with  $[V_+PV_- - V_-PV_+]$  and  $\phi$  can be chosen to be real.

**Theory of Surface Spin Waves in Ferromagnets,**  
R. E. De Wames and T. Wolfram [Phys. Rev. 185,  
720 (1969)]. Reference to the work of Jelitto was  
omitted: R. J. Jelitto, Z. Naturforsch. 19A, 1567  
(1964).