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*The splitting of  $bo \wedge tmf$ .*

M. Mahowald demonstrated the topological splitting  $bo \wedge bo \simeq \bigvee_{n=0}^{\infty} \Sigma^{4n} B_1(n) \wedge bo$ , where  $B_1(n)$  is the  $n$ -th integral Brown-Gitler spectrum. Later D. Davis applied similar techniques to demonstrate the splitting of  $MO\langle 8 \rangle \wedge bo$ , for which suspensions of  $B_1(n) \wedge bo$  also appear in some of its many summands. In this talk, I will use methods of Davis and Mahowald to demonstrate the topological splitting of the spectrum  $bo \wedge tmf$ . (Received September 04, 2007)