

1035-14-1089      **Kristian Ranestad\*** ([ranestad@math.uio.no](mailto:ranestad@math.uio.no)). *Multisecants of surfaces in projective fourspace.*  
In work with Hans Christian Graf von Bothmer we use the BGG correspondence to analyse possible multiseant lines and special plane sections of a smooth surface in projective fourspace. We apply it in classification of possible Hilbert functions of these surfaces. (Received September 18, 2007)