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Search or Article-id (Help | Advanced search) arXiv.org > math > arXiv:1107.0356 - Go! All papers Mathematics > Functional Analysis Download: PDF **Samuel multiplicities and Browder** PostScript Other formats **Spectrum of Operator Matrices** Current browse context: math.FA Shifang Zhang, Junde Wu < prev | next > new | recent | 1107 (Submitted on 2 Jul 2011) Change to browse by: we show that the definitions of some classes of semi-Fredholm operators, math which use the language of algebra and first introduced by X. Fang in [8], are equivalent to that of some well-known operator classes. For example, the References & Citations concept of shift-like semi-Fredholm operator on Hilbert space coincide with NASA ADS that of upper semi-Browder operator. For applications of Samuel multiplicities we characterize the sets of $\bigcap_{C\in B(K,\,H)}\sigma_{ab}(M_$ Bookmark(what is this?) {C}),\bigcap_{C\in 📃 🕸 X 🚾 🖬 🖬 😴 B(K,,H) sigma_{sb}(M_{C})\$ and $\bigcap_{C}in$ Science WISE B(K,\,H)}\sigma_{b}(M_{C}),\$ respectively, where \$M_{C}=({array}{cc}A&C 0&B {array})\$ denotes a 2-by-2 upper triangular operator matrix acting on the Hilbert space \$H\oplus K\$.

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