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# Figure and caption for LDRD annual report

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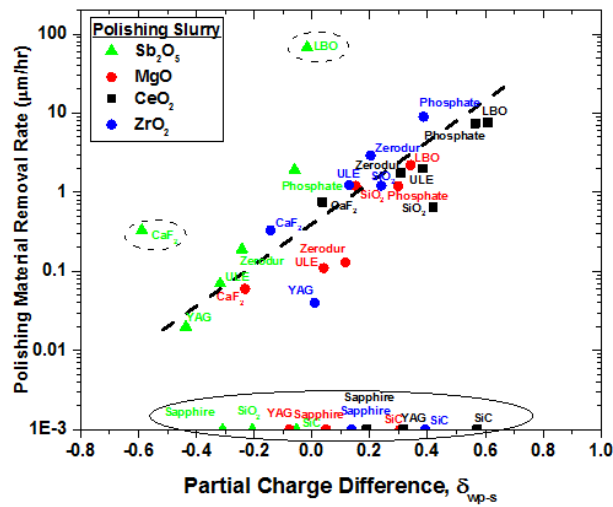
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Figure and caption for LDRD annual report



Material removal rate of various optical material workpieces polished using various colloidal slurries as a function of partial charge difference. Partial charge difference is a parameter calculated from a new chemical model proposed to link the condensation reaction rate with polishing material removal rate. This chemical model can serve as a global platform to predict & design polishing processes for a wide variety of workpiece materials and slurry compositions.