

## On diagonals of flag bundles

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### **Abstract:**

We express the diagonals of projective, Grassmann and, more generally, flag bundles of type A using the zero schemes of some vector bundle sections. We do the same for the single point subschemes in flag bundles. We discuss diagonal and point properties related to flag bundles. We study when the complex complete flag varieties for other groups have the point and diagonal properties. This is a work in progress with Shizuo Kaji.