Rigid Schubert classes in compact Hermitian symmetric spaces

Colleen Robles

joint work with Dennis The

Texas A&M University

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What keeps me awake at night (Open Questions)

1. If $X = \mathrm{LG}(n, 2n)$, then $\lceil \frac{1}{2}\mathrm{a}(S) \rceil$ is the number of irred. components in $\mathrm{Sing}(S)$.
   If $X = \mathrm{Gr}(k, m)$, then $\mathrm{a}(S)$ is the number of irred. components in $\mathrm{Sing}(S)$.

   What is the relationship between $\mathrm{a}(S)$ and $\mathrm{Sing}(S)$ in general?

2. Can the (a, J) characterization be used to extend Coskun's results to arbitrary CHSS?

3. Do there exist higher-order obstructions to flexibility?

4. Characterize the Y satisfying $[Y] = r[S]$.