Source:

1 | **Grading**

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2 | **Sum vs Direct Sum**

- You can use the fact that when theres **two** subspaces whose intersection is 0.
    - But not when there's more than two subspaces. You have to add two of them into a subspace and then intersect that with the third one.
    - #question : does it work if the all pairwise intersections are zero?

3 | **indefinite integral**

#toexpand

3.1 | **Intuition**

Kind of like the integral from $-\infty$ to a point? It's like the prefix sum, and we query by subtracting.

3.2 | **It should have a constant**