#ret #ref #hw

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1 | Self Assessment

1.0.1 | Skills and Practices

Previous -> New

1. Explore and Organize **Proficient -> Exemplary** More recently for some of the harder problems, my strategy has shifted to first finding branches of concepts and results relating to the problem. For example, the most recent problem I did involved trying to navigate branching relationships between concepts – the problem ended up being solved by representing our system of equations as an operator, thus allowing us to use the properties of an operator (surjectivity implying injectivity) to solve the problem. The process involved first trying to find branches that we could go down (generating data), navigating these branches (organizing data), and finally solving the problem with the right branch (identifying promising leads).

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   Student effectively generates data about mathematical situations and organizes these data to find c
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2. Generalize and Test prof
3. Abstract and Symbolize prof + exemp
4. Transform prof
5. Strategy prof + exemp
6. Proof prof
7. Application prof + exemp
8. Clarity and Articulation prof
9. Precision and Accuracy found + prof

1.0.2 | Habits of Learning

1. Growth Mindset prof + exemp
2. Community prof + exemp
3. Reflection prof
4. Academic Habits exemp