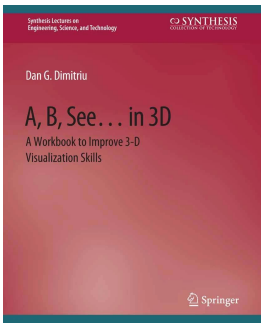
LCATS / BETWEEN-CLASS PRACTICE

Build your spatial skills

One exercise at a time

Three books by Dan G. Dimitriu, Ph.D., P.E.

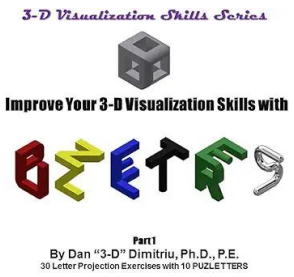


A, B, See... in 3D

A Workbook to Improve 3-D Visualization Skills

Explore over 100 exercises that challenge you to imagine three-dimensional objects from two-dimensional views, using letters as the building blocks.

Order / view book Springer Nature



3-D Visualization with PUZZLETTERS

Letter projection exercises

Practice matching letter views to three-dimensional forms. This book presents 30 letter projection exercises using 10 PUZZLETTERS.

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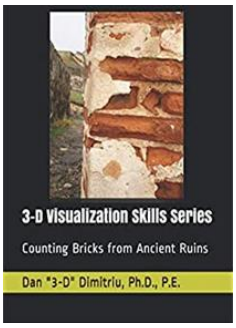

Counting Bricks from Ancient Ruins

3-D Visualization Skills Series

Look closely, imagine the structure, and count the bricks. Use these visual challenges to practice careful observation and spatial reasoning.

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Make practice part of your week

Choose a book and try an exercise between classes. Sketch your thinking, keep your work, and bring your questions to the next LCATS session.

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