CSE 3313 - Homework #6 – z-transforms 2

For the following unit sample sequences, find the z-transform polynomial ratio, the poles, zeros, ROC of the z-transform, and the difference equation:

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For the following causal difference equation, find the z-transform, ROC, and the unit sample sequence:

For the following z-transform and ROC, find the difference equation and unit sample sequence:

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