CS 528: Critique 1; Digital Fountain Paper

Please answer the following questions in your own words.

1. What are the characteristics of applications that can benefit from the digital fountain idea?

2. Briefly describe how digital fountains work.

3. The contribution of the paper is actually using Tornado codes for DF. What are the advantages and disadvantages of Tornado codes compared to Reed Solomon codes for DF?

4. Briefly explain the congestion control approach described in Section 7 of the paper.

5. What is your technical opinion of the paper? Is it well written? Does it offer a useful and original idea? Are their experiments well designed and believable? Any other thoughts?