

CSCI576 Assignment 1 Report

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Part 1

Written Questions

Most of this example applies to `article` and `book` classes as well as to `report` class. In `article` class, however, the default position for the title information is at the top of the first text page rather than on a separate page. Also, it is not usual to request a table of contents with `article` class.

Q 1

Solutions:

- $N_l = 450$
 $N_p = 520$
 $N_{FPS} = 25$
P=12 bits per pixel for 4:2:0 scheme
 $N_l \cdot N_p \cdot N_{FPS} \cdot P = 7.02 \times 10^7$ bits/s.
The bit-rate produced by the camera is 7.02×10^7 bits/s.

But note that—unlike the `book` and `report` classes—the `article` class does not have a “chapter” command.