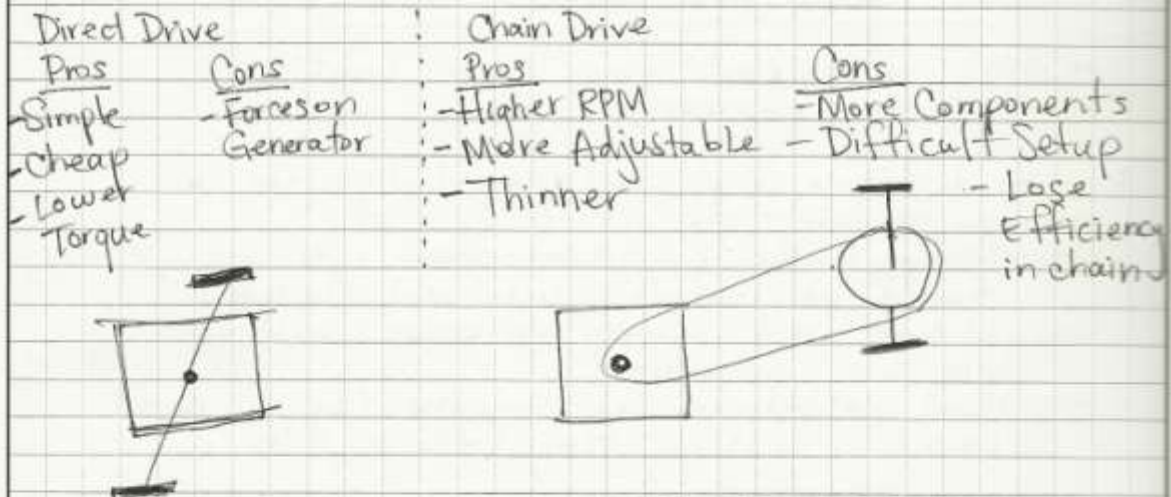


Group Meeting 5pmChris - Necessary Electronics Information

- ~5 capacitors 10-100 μ F (in regulator circuitry only)
- 6+ resistors 5k to 100k ohm
- 1 inductor ~100 μ H (is in current design)
- 2+ LEDs
- current/voltage sampling circuitry (opamp maybe)
- 3-4 DC motors.

Kyle - Direct Drive versus Chain Drive.Erika - Called Huffy Bicycles. 10/14/13

- Replacement seats for Huffy Green Machine are sold @ \$19.99 a piece
- Need to call back to find out more information about manufacturer and supplier.

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PROPRIETARY INFORMATION

Group Meeting 5pm continued...

- Liz and Jess - Spoke to Professor Mathews
- Solenoid idea would be reinventing wheel
 - Idea is completely out of the question at this point.
 - Suggested it be tested prior to design choice
 - We do not have a solenoid to test w/in a reasonable amount of time

- Jacob
- Started working on layout of manual for the device
 - How to use, trouble shooting, maintenance, repairs. (beginning to break these down)

104 RPMs on current device when light on (counted this number)

Plan to determine what user group body sizes and strengths to design for

- Malnourished individuals from user groups should be included into calculations
- Children and women are ~~main~~ users to take into account
- Must calculate leg lengths (upper and lower), possibly height to hip as well

Tested voltage coming out of generator under a load Sustained @ max 14 Volts

Attempted to measure current @ 14V

1.9 Amps to maintain power to the pump from testing
 22.7 Watts before pump comes on
 29 Watts once pump in on

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