Power Rangers
Jan 21st 2015

Meeting Leader: Anjola Lanre-Ladenegan
Attendance: Dr. Schafer, Meaghan Hannon, Sarah Ritter, Evan Syers

Minutes:

Scheduled Meetings with Lemmon – 2pm on Mondays

Converter – show DC-DC converter can produced a control DC output
        Show control algorithm for feedback loop
        Separate from feedback loop - have algorithm for feedback loop
        2 weeks ~ for board, parts
        Translate to Eagle, for board houses
                Parts not in library – find package, part is combo of package and symbol
                Symbol that goes on schematic, package goes on board – talk to Schafer for instruction
on adding parts

Current Sensor Situation – plus minus power rail,
        Evaluate necessity of negative supply

Microcontroller – a2d, pwm output
        How many channels of a2d, 10 bits 8 bits, is it a digital control algorithm?, have the hardware to
do a pwm signal
        Feed forward vs feed back control – measure output power, adjust pwm and maximize power
being seen, control theory – talk to Lemmon about possibilities with this

Meeting times – Wednesday 9:00AM, Fitzpatrick A63

Minutes by Sarah Ritter