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**LabPhysics\_IS5\_20151116\_Seg32.pdf**

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**Setting:** physics lab

**Participants:** IS5 (female black sweater, white collared shirt),  
S1 (female, red hair), S2 (female, pink shirt and black hair)

0:07

Xxx IS5: what is joules?  
Xxx S1: it's joules? ok  
Xxx and does it matter what we put here  
Xxx it'll be point zero or ((unclear))  
Xxx IS5: ((unclear))  
Xxx yyyou need to calculate this one  
Xxx according to this one.  
xxx ((incomprehensible)) -  
Xxx S1: we did.  
Xxx ((pause))  
Xxx 5 times R times 2 pi  
Xxx IS5: this is diameter right.  
Xxx S1: yes  
Xxx IS5: oh you over two  
Xxx good  
Xxx S2: ((unclear))  
Xxx IS5: ((thumbs up))  
Xxx ok so  
Xxx yes you can get it  
Xxx because  
Xxx because uh:  
Xxx this is two pi R  
Xxx yeah  
xxx N F  
Xxx S1: and 1.5 which is that.  
Xxx IS5: the relative error of F is just that  
Xxx F over F you can use as 15 percent.  
Xxx S2: ((unclear))  
Xxx IS5: 15 percent yes  
Xxx so you can get the value here right?  
Xxx and  
Xxx you know the error of F  
Xxx error of R

Xxx           so you can get error of W  
Xxx S1:      ok