

Fall 9-11-2003

Proof postcard

Department of Theatre, Florida International University

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DAVID AUBURN'S
PULITZER PRIZE WINNING

ROOT

SEPTEMBER 11th - 13th

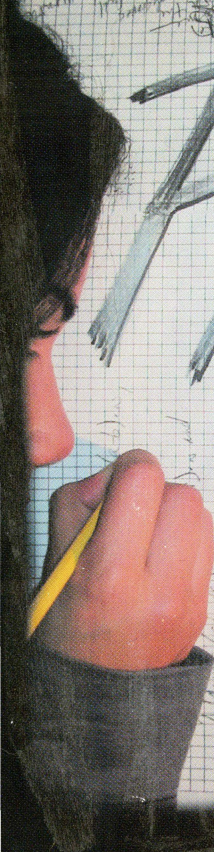
8 PM

SEPTEMBER 14th

2 PM

@ F.I.U.
DM 150

\$5



$\sum_{k=1}^n k^2 = \frac{n(n+1)(2n+1)}{6}$
 $\sum_{k=1}^n k = \frac{n(n+1)}{2}$
 $\sum_{k=1}^n 1 = n$
 $\sum_{k=1}^n k^3 = \left(\frac{n(n+1)}{2}\right)^2$
 $\sum_{k=1}^n k^4 = \frac{n(n+1)(2n+1)(3n^2+3n-1)}{30}$
 $\sum_{k=1}^n k^5 = \frac{n^2(n+1)^2(2n^2+5n+3)}{12}$
 $\sum_{k=1}^n k^6 = \frac{n(n+1)(2n+1)(3n^3+6n^2-3n-1)}{42}$
 $\sum_{k=1}^n k^7 = \frac{n^2(n+1)^2(2n^2+5n+3)(3n^2+5n+2)}{24}$
 $\sum_{k=1}^n k^8 = \frac{n(n+1)(2n+1)(3n^4+6n^3-3n^2-6n-1)}{90}$
 $\sum_{k=1}^n k^9 = \frac{n^2(n+1)^2(2n^2+5n+3)(3n^3+6n^2-3n-1)(3n+1)}{252}$
 $\sum_{k=1}^n k^{10} = \frac{n(n+1)(2n+1)(3n^5+15n^4+10n^3-6n^2-6n-1)}{252}$
 $\sum_{k=1}^n k^{11} = \frac{n^2(n+1)^2(2n^2+5n+3)(3n^4+6n^3-3n^2-6n-1)(3n^2+5n+2)}{792}$
 $\sum_{k=1}^n k^{12} = \frac{n(n+1)(2n+1)(3n^6+12n^5+10n^4-6n^3-6n^2-6n-1)}{110}$
 $\sum_{k=1}^n k^{13} = \frac{n^2(n+1)^2(2n^2+5n+3)(3n^5+15n^4+10n^3-6n^2-6n-1)(3n^3+6n^2-3n-1)(3n+1)}{3168}$
 $\sum_{k=1}^n k^{14} = \frac{n(n+1)(2n+1)(3n^7+21n^6+14n^5-6n^4-6n^3-6n^2-6n-1)}{165}$
 $\sum_{k=1}^n k^{15} = \frac{n^2(n+1)^2(2n^2+5n+3)(3n^6+12n^5+10n^4-6n^3-6n^2-6n-1)(3n^4+6n^3-3n^2-6n-1)(3n^2+5n+2)}{52920}$
 $\sum_{k=1}^n k^{16} = \frac{n(n+1)(2n+1)(3n^8+28n^7+22n^6-6n^5-6n^4-6n^3-6n^2-6n-1)}{315}$
 $\sum_{k=1}^n k^{17} = \frac{n^2(n+1)^2(2n^2+5n+3)(3n^7+21n^6+14n^5-6n^4-6n^3-6n^2-6n-1)(3n^5+15n^4+10n^3-6n^2-6n-1)(3n^3+6n^2-3n-1)(3n+1)}{110880}$
 $\sum_{k=1}^n k^{18} = \frac{n(n+1)(2n+1)(3n^9+36n^8+27n^7-6n^6-6n^5-6n^4-6n^3-6n^2-6n-1)}{1575}$
 $\sum_{k=1}^n k^{19} = \frac{n^2(n+1)^2(2n^2+5n+3)(3n^8+28n^7+22n^6-6n^5-6n^4-6n^3-6n^2-6n-1)(3n^6+12n^5+10n^4-6n^3-6n^2-6n-1)(3n^4+6n^3-3n^2-6n-1)(3n^2+5n+2)(3n+1)}{475200}$
 $\sum_{k=1}^n k^{20} = \frac{n(n+1)(2n+1)(3n^{10}+45n^9+36n^8-6n^7-6n^6-6n^5-6n^4-6n^3-6n^2-6n-1)}{3150}$

DRAMATIC P.A.W.S. presents

PROOF a play by David Auburn
Directed by Heather Rae Miller

September 11-14, 2003
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Building DM-150

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call 305.348.2895

On her 25th birthday, Catherine, a young woman who has spent years caring for her brilliant but unstable father, Robert, must deal not only with his death, but with the arrival of her estranged sister, Claire, and with the attentions of Hal, a former student of her father's who hopes to find valuable work in the 103 notebooks Robert has left behind. As Catherine confronts Hal's affections and Claire's plans for her life, she struggles to solve the most perplexing problem of all: How much of her father's madness--or genius--will she inherit?