

| 23) probability: {1100} = {1100} = {1/1000} 24) Political distribution; 3 (alle per minute E(1) = 2/4 | 101 | | | | | 5 1 | 10 | 4 Z ~ | S 1 | | | - 1/ | , | | | | | | | | | | | | | |
|--|------|-----|----------------|------------|------------|----------|--------------|--------------|--------|----------|-------|---------|-----|--------------|--------------|------------|-----|------|--------|-------------|-------------|-------|---|--|--|---|
| 1. | رهه | ργ | obgt | JIIIŢ |) · | (,, | | V) | [[. | 10 | vj | - 1 | 100 | D | | | | | | | | | | | | |
| 1. | 201 | Dn | v 19.5 | , di | (tiáb | MERC | 'n | 1 | co III | DAV | ha S | n 1 4 4 | | | | | | | | | | | | | | |
| 1- | - 1) | | | | | MIII |)() | J J | CMIII | per | 11) (| nut | e | | | | | | | | | | | | | |
| no call in 1 min probability pt (1:0) = 30e - 5 / 01 = e - 3 30) 2 (alis in 2 min pt (1:2) = e - 32 / 21 = e - 3(2) / 2 pt (1/2) = 1 + pt (1/2) - pt (1/2) - 1 - (e - 6 - 1/2) - (e - 16 - 6/0) - 1 - (e - 6 - 1/2) - (e - 16 - 6/0) - 1 - (e - 6 - 1/2) - (e - 16 - 6/0) 31) 3 32) Cloted Ewier trail → 2PRQT2 8WI ODD PEGREER TO NO! 33) Q8, Rt murt include \$1 or QT NND one from PQ, PR, Pt to 2x3 = 6 34) V1 V2 V3 V4 V3 1 0 1 1 1 V1 V4 22 V4 1 0 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | ١, | Dr | YEK | \ = | λke | <u>-></u> | | | | | | | | | | | | | | | | | | | |
| pr(1:0) = 3° e - 3 ° 0 1 = e - 3 30) 2 (all) in 2 min pr(x-2) = e - 3 3 2 / 2) = e - 3(a) / 2 pr(√x/2) = 1 - pr(√x) - pr(√x) = 1 - (e - 6 e / / 1) - (e - 6 e / 6) = 1 - (e - 6 e / / 1) - (e - 6 e / 6) = 1 - 1 e - 6 31) 8 32) Closed Euler trail = PPRQTS 8ut odd pegres to no! 33) Ø8 R8 must include \$1 or @T And one from Pa, Pr, ps to 2x3 = 6 34) V, | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pr(1:0) = 3° e - 3 ° 0 1 2 e - 3 30) 2 (a)11 in 2 min pr(x-2) = e - 3 3 2 / 2) 2 e - 3 (a) / 2 pr(√1/2) = 1 - pr(√1/2) - pr(√1/2) 2 1 - (e - 6 6 1/1) - (e - 6 6 1/0) 2 1 - (e - 6 6 1/1) - (e - 6 6 1/0) 2 1 - (e - 6 6 1/1) - (e - 6 6 1/0) 31) 8 32) Closed Euler train ⇒ PPRQTS 8u1 ODD PEGREES TO NO! 33) Ø8 R8 must include \$1 or @T AND one from Pa, PR, PS to 2x3 = 6 34) V1 V2 V3 V4 V1 0 1 1 V1 V4 2 V2 1 1 0 0 ← Start = PDU V3 1 1 0 0 ← Start = PDU V4 1 1 0 0 ← Start = PDU V4 1 1 0 0 ← Start = PDU V4 1 1 0 0 ← Start = PDU V5 1 1 0 0 ← Start = PDU V8 1 1 0 0 ← Start = PDU V9 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | no | cal | 11] | n 1 | mir |) Pi | roba | tilid | V | | | | | | | | | | | | | | | | |
| 30) 2 (a)11 in 2 min Pr(x-2) = e ⁻³ 3 ² /2 = e ⁻³ (a)/2 Pr(y/2) = 1 - pr(y-1) - pr(y-0) = 1 - (e ⁻⁶ 6-(y-1)-1) - (e ⁻⁶ 6-(y-0)) = 1 - (e ⁻⁶ 6-e ⁻⁶ = 1 - 3e ⁻⁶ 31) 8 32) Closed Euler trail = \$PRQTE BUT ODD DEGREES to NO! 33) Q8, R8 must include \$1 or QT AND one from PQ, PR, PE to 2x3=6 34) V1 V2 V3 V4 Y1 O 1 1 1 V1V4 22 V2 1 1 0 0 V2 V4 22 V3 1 1 0 0 V2 V4 22 V4 1 1 0 0 V2 V4 22 V5 1 1 0 0 V2 V4 22 V6 1 1 0 0 V2 V4 22 V7 1 1 0 0 V2 V4 22 V8 1 1 0 0 V2 V4 22 V9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | J | | | | | | | | | | | | | | | | |
| Pr(x=2) = e ⁻³ 3 ² /21 = e ⁻³ (q)/2 Pr(Y ₇ 2) = 1 - Pr(Y=1) - Pr(Y=0) = 1 - (e ⁺ 6'/1') - (e ⁺ 6'/0') = 1 - Ge ⁺ 6 - g ⁻ 6 = 1 - 1 + g ⁺ 6 31) 8 32) Closed Euler train ⇒ PPRQTS BUT ODD PEGREES TO NO! 33) Q8, R8 must include \$1 or QT AND one from PQ.PR.PS to 2x3=6 34) V1 V2 V3 V4 Y1 0 1 1 1 V1 V4 22 V3 1 1 0 0 ← Start = rDW V4 1 1 0 0 ← Start = rDW V4 1 1 0 0 ← Start = rDW V4 1 1 0 0 ← Start = rDW V4 1 1 0 0 ← Start = rDW V4 1 1 0 0 ← Start = rDW V4 1 1 0 0 ← Start = rDW V4 1 1 0 0 ← Start = rDW V5 1 1 0 0 ← Start = rDW V6 1 1 0 0 ← Start = rDW V8 1 1 0 0 ← Start = rDW V8 1 1 0 0 ← Start = rDW V9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | : | 6- | 3 | | | | | | | | | | | | | | | | | | | | |
| Pr(x=2) = e ⁻³ 3 ² /21 = e ⁻³ (q)/2 Pr(Y ₇ 2) = 1 - Pr(Y=1) - Pr(Y=0) = 1 - (e ⁻⁶ 6'/1') - (e ⁻⁶ 6'/0!) = 1 - Ge ⁻⁶ - e ⁻⁶ = 1 - 1 + e ⁻⁶ 31) 8 32) Closed Ewler train ⇒ EPRQTS BUT ODD PEGREES TO NO! 33) Q8, R8 must include ST or QT AND one from PQ.PR.PS to 2x3=6 34) V1 V2 V3 V4 Y1 0 1 1 1 V1 V4 22 V3 1 0 0 € Start = rDD V4 1 0 0 € Start = rDD V4 1 0 0 0 35) need m with the power of 6 36) 100 Vertical = 99 edges 4 disconnected = exist but no tree 38) (n) 5+3+2+2+2 = 14 18) have 0 = disconnected; 4+2+2+2+0=10 (1) 2+a+2+2+1=10 2x 22 2x 22 2x 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pr(Y/2) = 1+ Pr(Y:1) - Pr(Y:0) | 30) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pr(Y/2) = 1 - Pr(Y:1) - Pr(Y:0) | | P | () (: | | | | | | | | | | | | | | | | | | | | | | | |
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| 84T ODD DEGREES TO NO! 33) 68, RS must include ST OR 6T AND One from Pa.PR.DS 10 2x3=6 34) V1 V2 V3 V4 Y1 O I I V2 V4 V5 I I O O Start = PDW V4 I I O O 35) need m with the power of 6 36) 100 Vertical = 99 edges 4 disconnected = exist but no tyee 18) have 0 = disconnected; 4 12 12 12 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | |) | C10 s4 | ρd | Ewi | 2r 1 | rai I | ?.4 | 2PR | 270 | | | | | | | | | | | | | | | | |
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| 34) V ₁ V ₂ V ₃ V ₄ Y ₁ 0 1 1 1 V ₁ V ₄ Y ₂ 1 0 1 1 V ₂ V ₄ V ₅ 1 1 0 0 Start = row Y ₄ 1 1 0 0 Start = row Y ₄ 1 1 0 0 Start = row Y ₄ 1 1 0 0 Start = row 35) need m with the power of 6 36) 100 Vertical = 99 edges 14 disconnected = exist but no tree 38) (A) 5+3+2+2+2 = 14 38) (B) have 0 = disconnected; H12+2+2+0=10 (C) 2+3+2+1+2+1=10 2x 4 2x 3x 2x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34) V ₁ V ₂ V ₃ V ₄ Y ₁ 0 1 1 1 V ₁ V ₄ Y ₂ 1 0 1 1 V ₂ V ₄ V ₅ 1 1 0 0 Start = row Y ₄ 1 1 0 0 Start = row Y ₄ 1 1 0 0 Start = row Y ₄ 1 1 0 0 Start = row 35) need m with the power of 6 36) 100 Vertical = 99 edges 14 disconnected = exist but no tree 38) (A) 5+3+2+2+2 = 14 38) (B) have 0 = disconnected; H12+2+2+0=10 (C) 2+3+2+1+2+1=10 2x 4 2x 3x 2x | 33 |) | ٥٤, | R S | M | ust | inc | lud | 5 2. | TOR | φт | | AND | on | e f1 | o m | Pe | , PF | R , P. | <i>t</i> 10 | 2: | ۲ ع د | B | | | L |
| Y1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| (18) have 0 = disconnected; 4+2+2+2+0=10 (1) 2+2+1+1+1=10 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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