SE 4367 Honework 7 Racher Laviola 2/21/2019 Break into muhally singular components: Pr: (a+b) (c+ !cd) ~ already mutually singular singular non-singular use BOR-CSET MI-CSET BOR-CSET 1 Generate AST Tree Ng is an OR node: SN3 = ({(4)} x {(4)}) U ({(4)} x {(4)}) = {(t,f)} U {(f,t)} = {(t,f), (f,t)} SNt = {(t)} SN2 = {(t)} 2 Ng = }(t) } & & &(t) } >nf = {(t)} Sns = {(t)} = {(f, f)} constraint set for BOR Portion: {(t,f), (f,t), (f,f) } MI-CSET 1) Derive constraints to make each e in E= c + ! cal true : Te, = {(t,t), (t,f)} There are no duplicates, so skip Te = { (F, +) } . (3) select an element from each set: SE = { (+,+), (+,+) } (4) For each term in E, complement each literal one at a time: e, = ! c

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e' = cd e' = !c!d

$$S_{N_3} = \{(t,t,t,t), (f,t,f,t)\}$$

$$S_{N_3} = \{(f,f,t,t), (t,f,f,f)\}$$

$$(a+b)$$
 $(c+!cd)$

$$S_{N_1}^{\dagger} = \frac{1}{2}(t, f), (f, t)^{\frac{1}{2}}$$
 $S_{N_2}^{\dagger} = \frac{1}{2}(t, f), (f, t)^{\frac{1}{2}}$
 $S_{N_2}^{\dagger} = \frac{1}{2}(t, f)^{\frac{1}{2}}$
 $S_{N_2}^{\dagger} = \frac{1}{2}(t, f)^{\frac{1}{2}}$

Ng is an AND node:

$$S_{N3}^{t} = \{(t,t), (f,t)\} \times \{(t,t), (f,t)\}$$

= $\{(t,t,t,t), (f,t,f,t)\}$

$$S_{N3} = (\{(f,f)\} \times \{(t,t)\}) \cup (\{(t,f)\} \times \{(f,f)\})$$

Constraint set for BOR MI - CSET :

١	a)	Models d	C	dor with	Test case (a, b, c, d >)	grade Afrikanska krast School de Perfet de Proch
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Co-Found's: Ensiness Manager/Yocalist, The Nighting de Trio
Manages finances and operations for professional, touring, women's vocal ensemble, featured on NPE's "A
Prairie Home Companion". Leadhattes legistics, itinerary, budgets, and publicity for term around the USA.

Project Manager. Pather Symptions Orderard

On a raw the creation and timely execution of all marketing documents and graphics. Conducted daily strategy medicts in an agale environment. Served as intendepartmental liaison and beasted "DSO on the Go" serves.

Account Planeing Intern, Publicis Dailes

Iverked in a team to create a velocite and new brand strategies for MOOYAH, cultainating in a successful pitch to the UHO, Participated in research, interviewing, reviewing creative work, and pitching for new business.

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Science and Mathematics Advanced Research & Technology Scholarship Awarded \$5,000 scholarship by Texas Instruments (TI) for academic excellence.

GLOS SINS