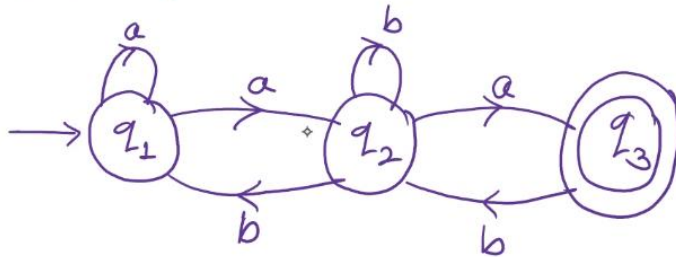


Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

→ Find the Regular Expression for the following NFA



meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

91°F
Cloudy

11:32 AM 3/22/2022

11:32 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

41 others

You

Meeting controls: Microphone, Camera, Chat, Hand, Screen, More options, End call

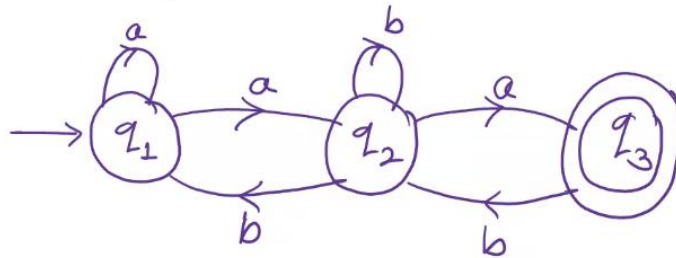
Meeting controls: Screen, Chat, More options, End call

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

→ Find the ...

NFA



$$q_3 = q_2 a \quad \text{--- (I)}$$

$$q_2 = q_1 a + q_2 b + q_3 b \quad \text{---}$$



meet.google.com is sharing your screen.

Stop sharing

Hide



91°F
Cloudy



ENG
IN

11:33 AM
3/22/2022

11:33 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



51

You

41 others

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

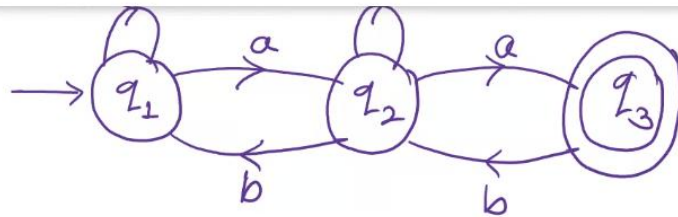
B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



$$q_3 = q_2 a \quad \text{--- (I)}$$

$$q_2 = q_1 a + q_2 b + q_3 b \quad \text{--- (II)}$$

$$q_1 = \epsilon + q_1 a + q_2 b \quad \text{--- (III)}$$

meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

91°F
Cloudy



ENG
IN

11:34 AM
3/22/2022

11:34 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



51

You

41 others

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



$$q_2 = q_1 a + q_2 b + q_3 b \text{ --- (II)}$$

$$q_1 = \epsilon + q_1 a + q_2 b \text{ --- (III)}$$

$$q_3 = q_2 a \text{ Substitute } q_2 \text{ from (II)}$$

$$= (q_1 a + q_2 b + q_3 b) a$$

$$q_3 = q_1 a a + q_2 b a + q_3 b a \text{ --- (IV)}$$



meet.google.com is sharing your screen.

Stop sharing

Hide



91°F
Cloudy



ENG
IN 11:35 AM
3/22/2022

11:35 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

42 others

You

52
👤 💬 📎

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

$L_3 - L_2$

$$= (q_1a + q_2b + q_3b)a$$

$$q_3 = q_1a + q_2ba + q_3ba \text{ --- (IV)}$$

$$q_2 = q_1a + q_2b + q_3b$$

$$q_2 = q_1a + q_2b + q_2ab = q_1a + q_2(b+ab)$$



meet.google.com is sharing your screen.

Stop sharing

Hide

91°F
Cloudy



ENG
IN

11:36 AM
3/22/2022

11:36 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



52

You

42 others



Dr. Balu L. Parne SVNIT



B135 Shivam Mishra SVN...



B082YAPARTHI VENKAT...



B108 DHAIRYA OZA SVNIT



B096 SNEHARSH BELSA...



B125 ALKANTI NANDHA ...



B097 GUNJAN SHINDE



B093 Nehal Jhajharia

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



$$q_2 = q_1 a + q_2 b + q_2 a b = q_1 a + q_2 (b + a b)$$

$$q_2 = q_1 a + q_2 (b + a b)$$

$$R = Q + R P = Q P^*$$

$$q_2 = q_1 a (b + a b)^* \quad \text{--- } \textcircled{\forall}$$

$$q_1 = e + q_1 a + q_2 b$$



meet.google.com is sharing your screen.

Stop sharing

Hide



91°F
Cloudy



11:37 AM
3/22/2022

11:37 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

42 others

You





Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



$$\begin{aligned} q_1 &= \epsilon + q_1 a + q_2 b \\ &= \epsilon + q_1 a + (q_1 a (b + a b)^*) b \\ q_1 &= \epsilon + q_1 (a + a (b + a b)^* b) \end{aligned}$$



meet.google.com is sharing your screen.

Stop sharing

Hide



B083 Hemnani Mihir Jitumal SVNIT has left the meeting

11:38 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVNIT

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

41 others

You



Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



BP



$$q_1 = \epsilon + q_1 a + q_2 b$$
$$= \epsilon + q_1 a + (q_1 a (b + a b)^*) b$$

$$q_1 = \epsilon + q_1 (a + a (b + a b)^* b)$$

$$q_1 = \epsilon \cdot (a + a (b + a b)^* b)^* \quad \epsilon$$



meet.google.com is sharing your screen.

Stop sharing

Hide



91°F
Cloudy



ENG
IN 11:39 AM
3/22/2022

11:39 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

41 others

You



Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

$$\begin{aligned} &= \epsilon + q_1 a + (q_1 a (b + a b)^* b) \\ q_1 &= \epsilon + q_1 (a + a (b + a b)^* b) \\ q_1 &= \epsilon \cdot (a + a (b + a b)^* b)^* \\ q_1 &= (a + a (b + a b)^* b)^* \end{aligned}$$

$$\epsilon \cdot R = \underline{R.}$$

meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

91°F
Cloudy














































































































































































































































































































































Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



$$\begin{aligned} &= q_1 a (b+ab)^* a \\ &= q_1 a (b+ab)^* a \\ &= (a + a(b+ab)^* b)^* a (b+ab)^* a \end{aligned}$$

Arden's Theorem
DFA } \Rightarrow R-E.
NFA }

meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

91°F
Cloudy

Windows taskbar with various application icons and system tray icons.

11:42 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

Meeting controls: Microphone, Camera, Chat, Hand, Screen, More options, End call.

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

41 others

You

51 participants, icons for chat, participants, and screen sharing.

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



ϵ is a regular expression denoting the regular set
having only one string ϵ



BP



meet.google.com is sharing your screen.

Stop sharing

Hide



92°F
Cloudy



ENG
IN 11:46 AM
3/22/2022

11:46 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

41 others

You



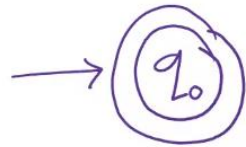
Dr. Balu L. Parne SVNIT is presenting

Microphone on

Microsoft Whiteboard

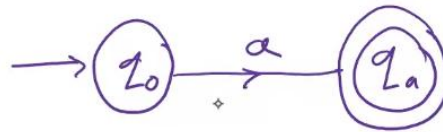
having only one string ϵ

$\{\epsilon\}$



a is a regular expression containing one string i.e.

$\{a\}$



meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

92°F
Cloudy

11:47 AM 3/22/2022

11:47 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

41 others

You

51

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

If γ_1 and γ_2 are regular expressions denoting L_1 and L_2 respectively

$\gamma_1 + \gamma_2$ is a R.E. which denotes $L_1 \cup L_2$

$\gamma_1 \gamma_2$ is a R.E. which denotes $L_1 L_2$

γ_1^* is a R.E. which denotes L_1^*

meet.google.com is sharing your screen. Stop sharing Hide

92°F
Cloudy



ENG
IN

11:48 AM
3/22/2022

11:48 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B093 Nehal Jhajharia

42 others

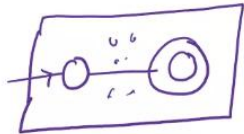
You

52
👤 💬 ⚙️

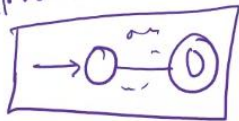
Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

r_1 represent m_1

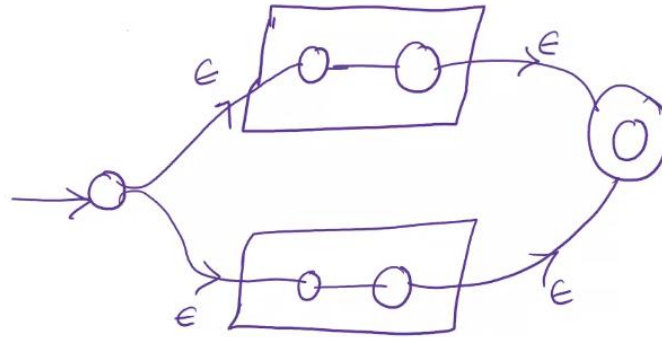


r_2 represent m_2



$$(0+1)^*$$

$*$
 \cdot
 $+$



BP



γ

$L_1 \cup L_2$



meet.google.com is sharing your screen.

Stop sharing

Hide

92°F
Cloudy



ENG
IN



11:52 AM
3/22/2022

B115 G SRI CHANDANA SVNIT has left the meeting

11:52 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B082YAPARTHI VENKAT...

38 others

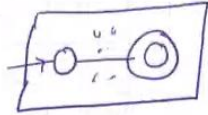
You

48

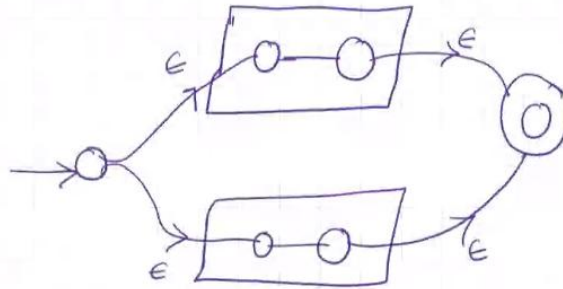
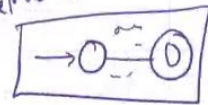


Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



r_2 represent m_2



$L_1 \cup L_2$

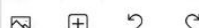
$$L_1 \cup L_2 = \{ x / x \text{ such that } x \in L_1 \vee x \in L_2 \}$$



meet.google.com is sharing your screen.

Stop sharing

Hide



92°F
Cloudy



ENG
IN



11:52 AM
3/22/2022

11:52 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



49

You



39 others



Dr. Balu L. Parne SVNIT



B135 Shivam Mishra SVN...



B100 ADITYA RAJ SVNIT



B108 DHAIRYA OZA SVNIT



B096 SNEHARSH BELSA...



B125 ALKANTI NANDHA ...



B097 GUNJAN SHINDE

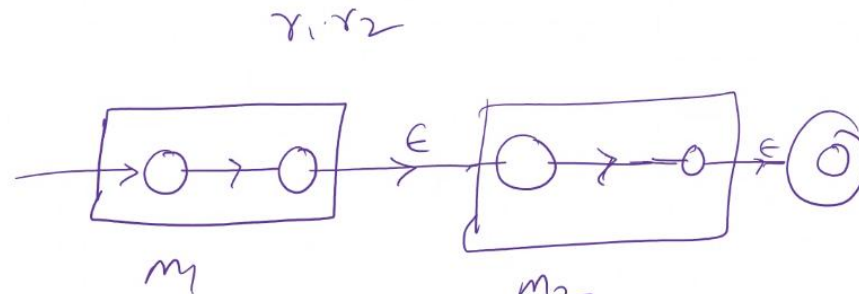
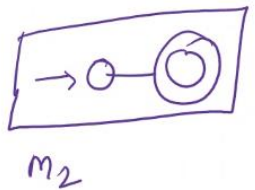
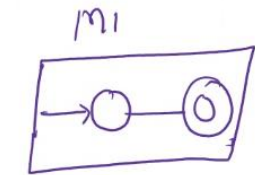


B082YAPARTHI VENKAT...

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

Concatenation of L_1 & L_2 (L_1L_2)



$$L_1L_2 = \{xy \mid x \in L_1 \wedge y \in L_2\}$$

meet.google.com is sharing your screen. Stop sharing Hide

92°F
Cloudy

11:55 AM 3/22/2022

11:55 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

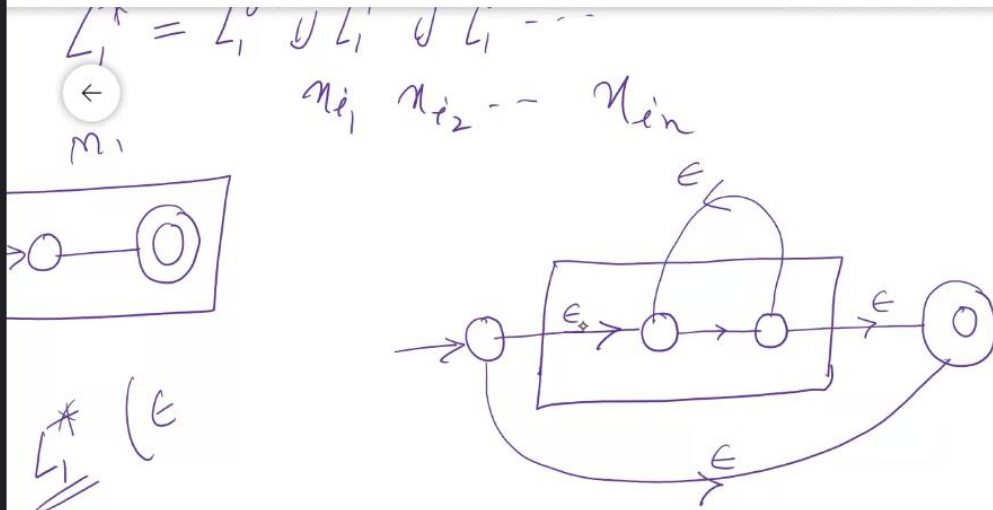
B082YAPARTHI VENKAT...

41 others

You

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



meet.google.com is sharing your screen. Stop sharing Hide

92°F
Cloudy

Windows taskbar with various application icons and system tray icons.

11:59 AM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

Google Meet controls: mute, video, chat, share screen, end call.

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B082YAPARTHI VENKAT...

40 others

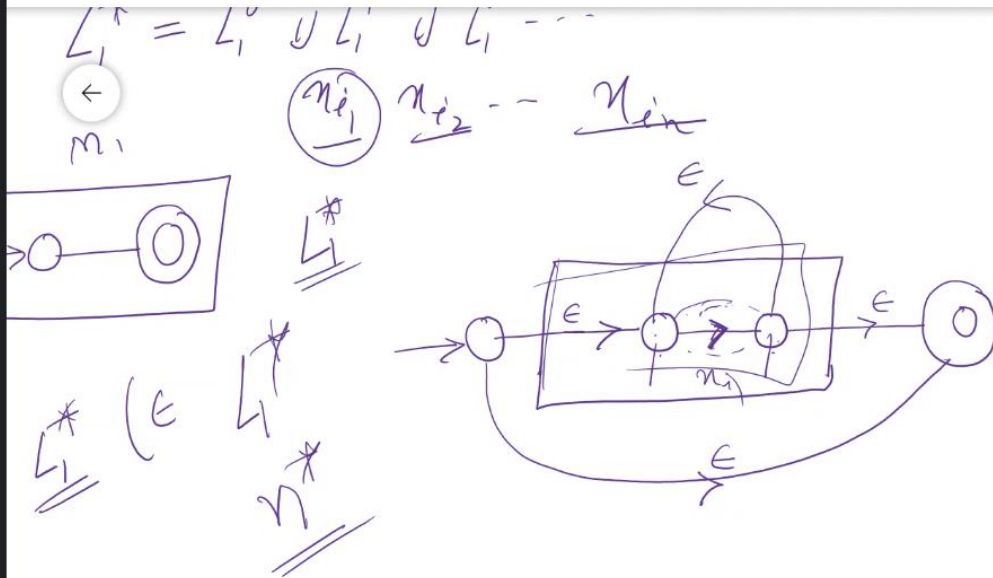
You

50 participants icon, chat icon, and other controls.



Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



BP



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B118 SURAJ PAL SAU ...

B118 SURAJ PAL SAU SVNIT has raised a hand

Open queue

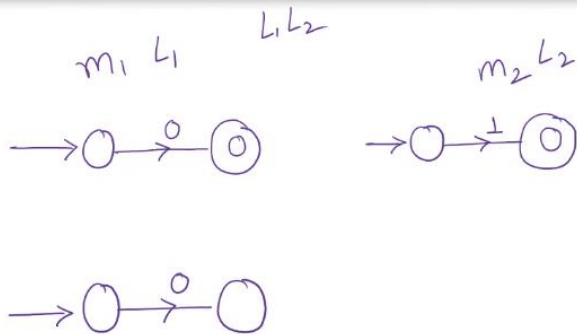




Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

$\leftarrow (0 + \underline{0!})^*$



BP



Dr. Balu L. Parne SVNIT



B135 Shivam Mishra SVN...



B077 MAHAVIR SVNIT



B108 DHAIRYA OZA SVNIT



B096 SNEHARSH BELSA...



B125 ALKANTI NANDHA ...



B097 GUNJAN SHINDE



B118 SURAJ PAL SAU ...

92°F
Cloudy



12:04 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



B118 SURAJ PAL SAU SVNIT has raised a hand

[Open queue](#)

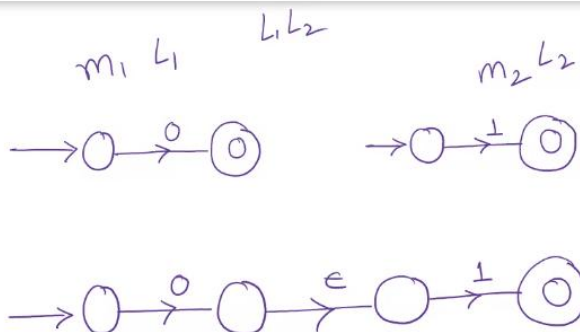




Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

$\leftarrow (0 + 0!)^*$



BP



Dr. Balu L. Parne SVNIT



B135 Shivam Mishra SVN...



B077 MAHAVIR SVNIT



B108 DHAIRYA OZA SVNIT



B096 SNEHARSH BELSA...



B125 ALKANTI NANDHA ...



B097 GUNJAN SHINDE



B118 SURAJ PAL SAU ...

92°F
Cloudy



12:05 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



B118 SURAJ PAL SAU SVNIT has raised a hand

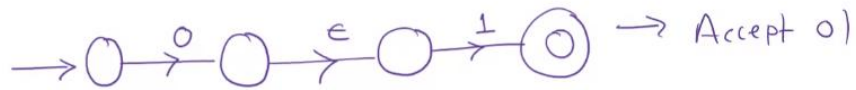
[Open queue](#)





Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



meet.google.com is sharing your screen.

Stop sharing

Hide



92°F
Cloudy



ENG
IN 12:05 PM
3/22/2022

12:05 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT



B135 Shivam Mishra SVN...



B100 ADITYA RAJ SVNIT



B108 DHAIRYA OZA SVNIT



B096 SNEHARSH BELSA...



B125 ALKANTI NANDHA ...



B097 GUNJAN SHINDE



B118 SURAJ PAL SAU ...



B118 SURAJ PAL SAU SVNIT has raised a hand

Open queue



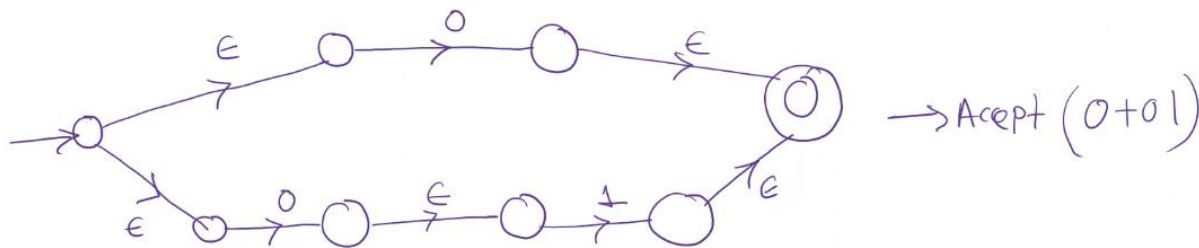


Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



BP



Drawing tools (pens, highlighters, eraser) and a status bar showing "meet.google.com is sharing your screen." with "Stop sharing" and "Hide" buttons.

92°F Cloudy

Windows taskbar showing various application icons and system tray information including "ENG IN" and "12:06 PM 3/22/2022".

12:06 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B118 SURAJ PAL SAU ...

B118 SURAJ PAL SAU SVNIT has raised a hand

Open queue

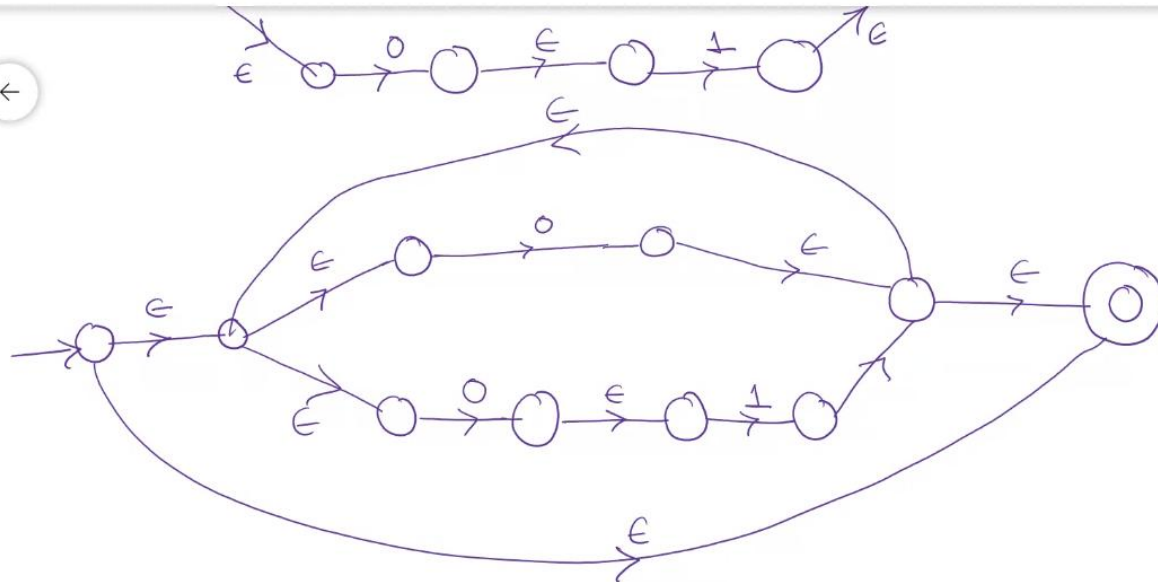
51

12:06 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



meet.google.com is sharing your screen.

Stop sharing

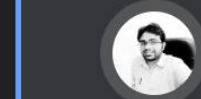
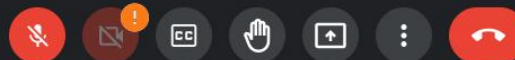
Hide

92°F
Cloudy

Windows taskbar showing various application icons and system status.

12:09 PM
3/22/2022

12:09 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT



B135 Shivam Mishra SVN...



B100 ADITYA RAJ SVNIT



B108 DHAIRYA OZA SVNIT



B096 SNEHARSH BELSA...



B125 ALKANTI NANDHA ...



B097 GUNJAN SHINDE



B118 SURAJ PAL SAU ...



B118 SURAJ PAL SAU SVNIT has raised a hand

Open queue



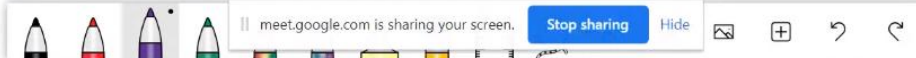
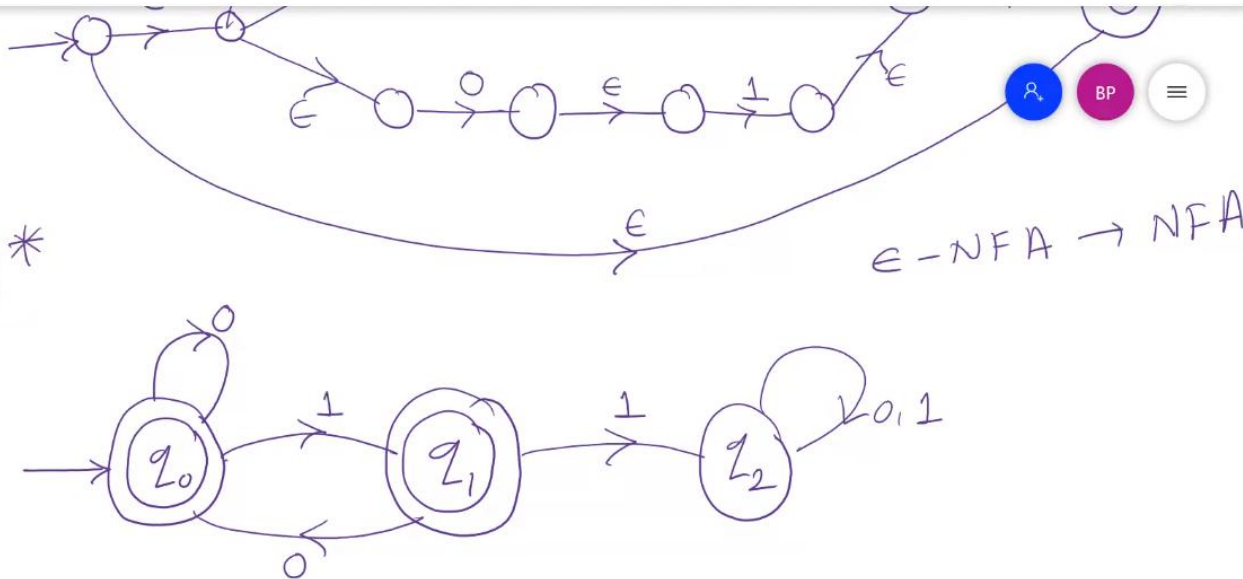
51
Zoom meeting controls including mute, video, chat, and other icons.



Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

$(0+01)^*$



92°F
Cloudy

12:12 PM 3/22/2022

12:12 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVNIT

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B118 SURAJ PAL SAU ...

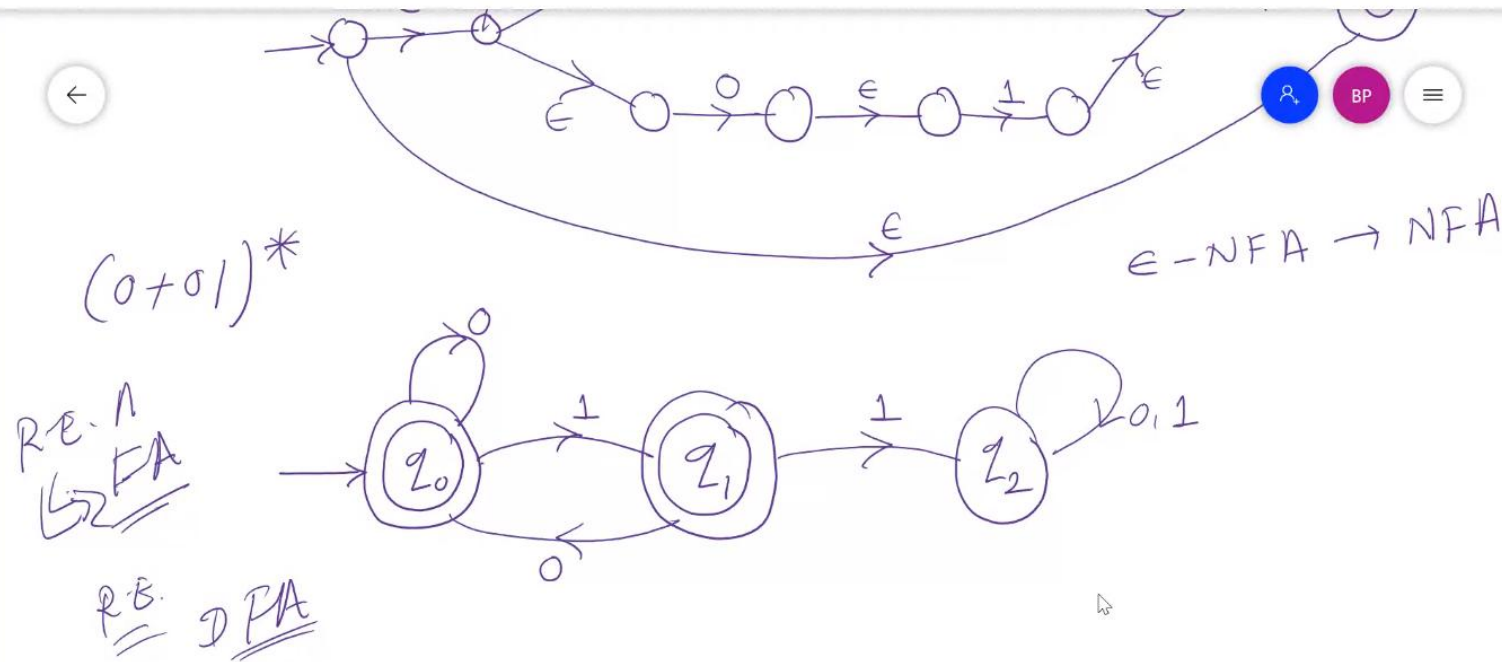
B118 SURAJ PAL SAU SVNIT has raised a hand

Open queue



Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

92°F
Cloudy

12:14 PM 3/22/2022

12:14 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B118 SURAJ PAL SAU ...

B118 SURAJ PAL SAU SVNIT has raised a hand [Open queue](#)



Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

Closure Properties of Regular Properties :-R



BP



Dr. Balu L. Parne SVNIT



B135 Shivam Mishra SVN...



B100 ADITYA RAJ SVNIT



B108 DHAIRYA OZA SVNIT



B096 SNEHARSH BELSA...



B125 ALKANTI NANDHA ...



B097 GUNJAN SHINDE



B118 SURAJ PAL SAU ...

92°F
Mostly cloudy



12:15 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...



B118 SURAJ PAL SAU SVNIT has raised a hand

[Open queue](#)



Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

← IF L_1 & L_2 are regular set then
 $L_1 \cup L_2$, $L_1 L_2$, L_1^* are regular set.



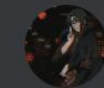
BP



Dr. Balu L. Parne SVNIT



B135 Shivam Mishra SVN...



B100 ADITYA RAJ SVNIT



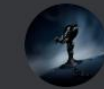
B108 DHAIRYA OZA SVNIT



B096 SNEHARSH BELSA...



B125 ALKANTI NANDHA ...



B097 GUNJAN SHINDE



B118 SURAJ PAL SAU ...



B118 SURAJ PAL SAU SVNIT has raised a hand

Open queue



92°F
Mostly cloudy



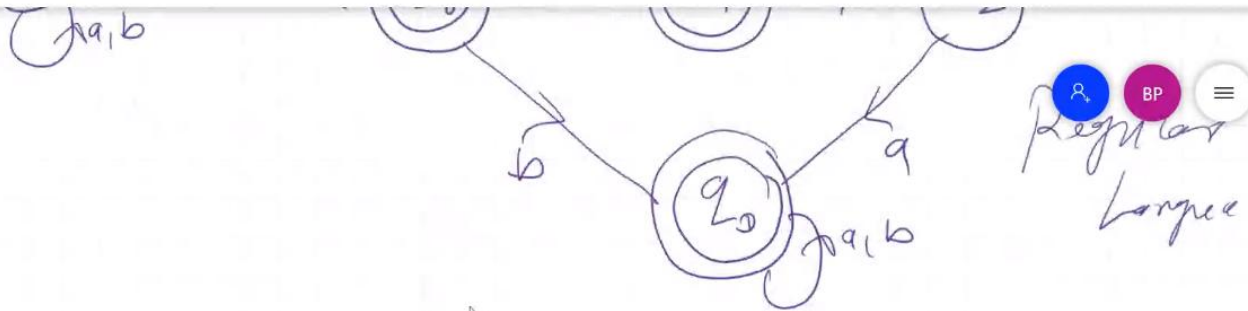
12:15 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...





Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard



meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

Icons for drawing tools: eraser, highlighter, pencil, and selection tools.

92°F
Mostly cloudy

Windows taskbar with various application icons and system tray icons.

12:20 PM
3/22/2022

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVNIT

B100 ADITYA RAJ SVNIT

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B118 SURAJ PAL SAU ...

B118 SURAJ PAL SAU SVNIT has raised a hand [Open queue](#)

12:20 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

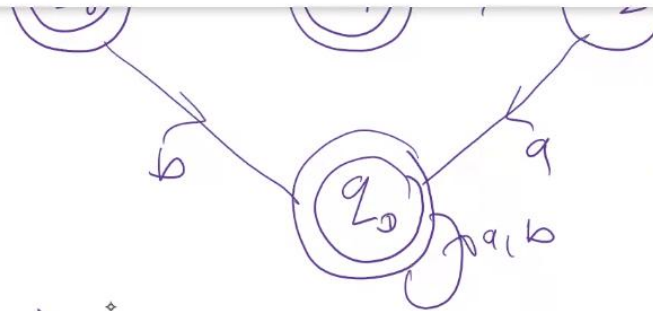
Meeting controls: mute, video, chat, share, and end call buttons.

Meeting status: 52 participants, chat icon, and other controls.

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

$Q_{a,b}$



Regular
Language

$$D = (Q, \Sigma, \delta, q_0, F)$$

$$D' = (Q, \Sigma, \delta, q_0, Q - F)$$

meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

92°F
Mostly cloudy

12:21 PM 3/22/2022

12:21 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B082YAPARTHI VENK...

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B118 SURAJ PAL SAU ...

B118 SURAJ PAL SAU SVNIT and B082YAPARTHI VENKATA RAMANA SVNIT have raised hands [Open queue](#)

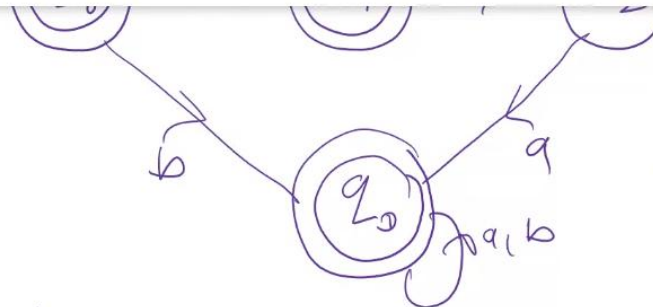
Meeting controls: Mute, Video, Chat, Hand, Screen, More, End

51 participants, icons for chat and screen sharing

Dr. Balu L. Parne SVNIT is presenting

Microsoft Whiteboard

$\Sigma_{a,b}$



Regular
Language

$$D = (Q, \Sigma, \delta, q_0, F)$$

$$D' = (Q, \Sigma, \delta, q_0, Q - F) \quad \text{If } L \text{ is a regular language}$$

the \bar{L} is also a regular.

meet.google.com is sharing your screen. Stop sharing Hide

92°F
Mostly cloudy

12:22 PM 3/22/2022

12:22 PM | Div-B | CS208 | AFL Theory Class | 22.03.2022@11:...

Dr. Balu L. Parne SVNIT

B135 Shivam Mishra SVN...

B082YAPARTHI VENK...

B108 DHAIRYA OZA SVNIT

B096 SNEHARSH BELSA...

B125 ALKANTI NANDHA ...

B097 GUNJAN SHINDE

B118 SURAJ PAL SAU ...

B118 SURAJ PAL SAU SVNIT and B082YAPARTHI VENKATA RAMANA SVNIT have raised hands

Open queue