## con test time

Ding state Algorithm:

The sex natural topology and all link costs are known

that is available as a input to the is algorithm.

Each node burd cash lith state portests to all

other nodes in the network, with south is pocked containing

the identities and wisks of attached links.

Diffestives against computer the least cost path journ

on node time other nodes in the network.

Source to distinction.

per): previous node along the about feast of

NIBUBEL of rodes,

Initializations!

N'= duy

v separ no let

if ver a reighbour of u

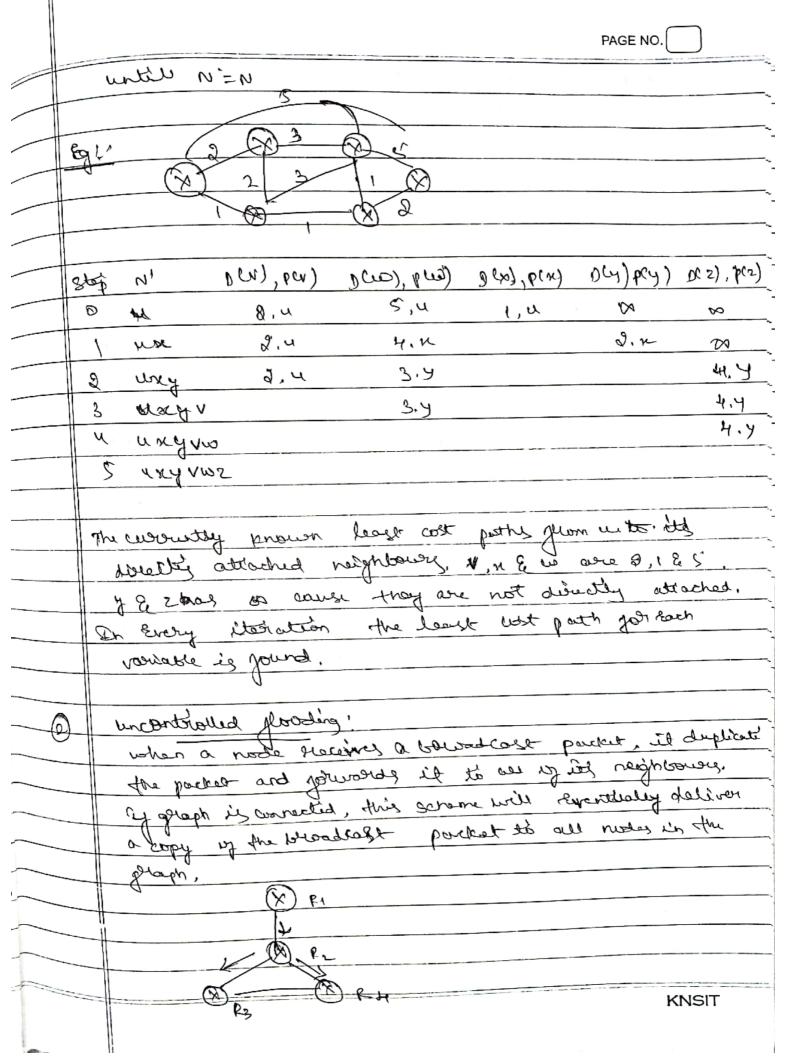
Else

DCV) = to

1000

gird us not in N' Such that DCD , ris a minimum gold us to N'

update D(r) for lack reighbour v of us & notion N'; D(r): min (D(x), D(xs) + (Cus, v))



This orealist Endless ryeling of this burndlage parties one duckenies, and one courtisectionerise.

verbialled planting!

O In Requere number contribled placeting.

Auch mode maintains a right of the source address. and sey so, of sach Hundcose proches it was already seconds, duplicated. It good chacks with whether the preket is in this light. If so, the preket is despected. If the the people is deplicated.

DEPF! whom a secured a formed coast precket with a quen source redouce, it tournest the packet on all of it's going links only of the packet assired on the lint gower . othorwise, the switch reimply discords the pribately bright without policeding.

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|     | unit best -ou  |
|     |  |
| (2) | PSA algorithm!   |
|     | Alsume that a plainless or must be renerypted to a cipher                |
|     | len C  |
|     | This has those phases,   |
|     | O key generation:  |
|     | -> choose two plack numbers at & & compute n=a, b                        |
|     | -> gind m. Black Ercraption key x, Such trad x &                         |
|     | (an) on our resources prime.   |
|     | -> jurd y. Calculate description key y                                   |
|     | sy med (a-1)6-1) =1  |
|     | -> a Ep an be discorded.   |
|     | -> public kry E & 1c, n }  |
|     | -> privati key = of y, n 3   |
|     |  |
|     | D Energytion!  |
|     | a forth sender & racional stum revisione 3 rebres 4toll 6                |
|     | The sender knows the value of or E graceinon knowsy of Cig Rondonstid by |
|     | Copherters (is constituted of  |
|     | c=mx modn  |
|     | Derlyntin )  |
|     | Bleaughtion; charteset c, the plain text on is subject                   |
|     | Led pit  |
|     | m = pt mod n   |
|     |  |
| (§  | AES!   |
|     | · AES had better security strength than DES.                             |
| _   | In ARS museage is finded with 128 bits backs & it                        |

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uses 128 or 1920 056 that try.

The plain text is formed as 16 tytes mo though

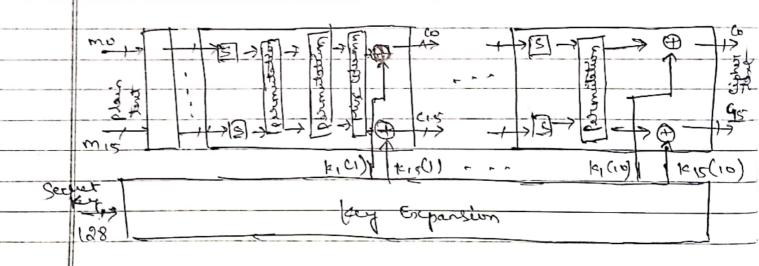
mis and is ged into sound 1 after an vinitialization Stage.

· in displand, substitute - units (5) perposen a

byte by tyte substitution of blocks.

The alphane mome through a parmutation - stage to
Shift slowed the mix columns.

1 At the End of this ground, all 16 blucks by eighbres are
Extlusive OR. with the 16 bytes of fround (key ko(1)
to kg (1)



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|     | zo-spet tim  |
|     |  |
| 3   | multi modrà applications are classified with there types.  |
|     | (1) Julian Dalla Julian ander  |
|     | (ii) convergational voice (video - over-sp   |
|     | (iii') statearing live audio / video.  |
|     |  |
|     | Streaming line audio video:  |
|     | · These applications albus a user to seceive a live audio  |
|     | or video guetas live sportly revent, relief swent ste.   |
|     | or video guet as live spooding screet, relief seek ste Today, thousands of Idalies teleprission statutes |
| 4   | at reso tration grithed board see below ath tonueses   |
|     | intérnet.  |
|     | · Live, Good-age like applications often have many users usho secess the same audio/video program at the |
|     | who seceive the same audio video phospan at the  |
|     | and time   |
|     | application of his audio video to many receivers an & Efficiently actomplished by                        |
|     | mois many receivers can be Efficiently actionplished by  |
|     |  |
|     | is note often acomplished today via application layer  |
|     | multicost.   |
|     |  |
|     | Syramic adoptive stateming were HATP, the rider is   |
| (a) |  |
|     | trought a full properties and asserted a different paint   |
|     | having a day por   |
|     | anality level.   |
|     | a such with a different 13R1.  |
|     | Sover, Each with a different UPL.  |
|     | The HTTP Seven also have a manifest file, ushich purièdes a UPL for bach version along with its          |
|     | KNSIT  |

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|---|
| bit naté.   |
| preform of the third ship prisonal also medicals.   |
| the received bandwidth and suns a rest detormination  |
| algorithm to Solice the de church to request rext.  |
| . If the client has a lot of rideo buffered and if the  |
| measured secure bandwieth is high, it will cross  |
| a churk from a high- flate voision.   |
| · By dynamically montituding the growlable bandwiden  |
| ord client buyer level, & adjusting the transmission orate with version suiteling, D. ASH Can often |
| grate with version switching, D.ASH Can often   |
| achieve continous playant at the best possible  |
| gualité level without frank juanjery of skipping.   |
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