



a) data message transfer: C→A

り程: C→B→A

(timeslot 1) A: silent B: vecieve (from C) C: send (to B) D: silent

(timeslot 2) A: recieve (from B) B: send (to A) C: silent D: silent

: Imessage /2 timeslots

b) data message transfer: A→B,D→C

(timeslot) A: Send (to B) B: recieve (from A)

C: recieve (from D) D: send (to C)

.: 2 messages/Itimeslot

c) data message transfer: A → B, C → D

H B > A의 data를 받는 도움 C > D on data를 전용하면 B > C 의 signal 을 들을 수 있기 때문에 Collision 이 걸린다. 파라서 A의 Inanemission과 C의 transmission을 각각 다른 timeslot에 배치한다.

(timeslot!) A: send(toB) B: recieve (from A) C: silent D: silent (timeslot?) A: silent B: silent C: Send(toD) D: recieve (from C) ... / message / 1 timeslot (2 messages / 2 timeslote)

1)

A B C D wired links

(② C→A (경로 C→B→A): Ash C는 direct connectional 없어 Amkl B를 한번 거쳐 C까지 도달라아된다.

(timeslot 1) A: silent B: recieve (from C) C: send (to B) D: silent (timeslot 2) A: recieve (from B) B: send (to A) C: silent D: silent

: I message / 2 timeslots

(b) A→B,D→C

(timeslot) A: Send(to B) B: recieve(from A) C: recieve(from D) D: Send(to C)

天(m) 改造 町 BのM9 改造 I2時 当日7 段다. (Limeslot 1)A:Send(toB)B:McCeve(fromA)C:Send(LoD),D:McCieve(from C) : 2 messages/I timeslot		
(kinneslot!) A:Sand(tob) B: McCieve(fromA) C: Sand(bol). D: McCieve(from C: 2 messages/ l timeslot e) @ C → B → A (kinneslot!) C sands msg to B (timeslot!) B sands msg to B (timeslot!) B sands ACK to B (timeslot!) B sands ACK to C I message (4 timeslots ⑥ A → B , D > C (kinneslot!) A sands McK to B, D sands msg to C (timeslot!) B sands ACK to A, (C = B + 2 = 30) (kinneslot!) B sands ACK to D ② wessages/3 timeslots ⑥ A → B , C → D (kinneslot!) A sands msg to B (C = 30) (kinneslot!) A sands msg to B (C = 30) (kinneslot!) C sands msg to D (B = 30) (kinneslot!) C sands msg to D (B = 30) (kinneslot!) D sands ACK to A (C = 30) (kinneslot!) D sands ACK to A (C = 30) (kinneslot!) D sands ACK to A (C = 30) (kinneslot!) D sands ACK to A (C = 30) (kinneslot!) D sands ACK to A (C = 30) (kinneslot!) D sands ACK to C	CA→B,C→D: A.B.C.D가 각각 유선으로 적인 연설되어있으므로 Ast Cot	
Amessages Himeslot (a) (c) B = A	동네이 전을 때 B이서의 전을 고려할 팔다 있다.	
e) @ C → B → A (timeslot1) C sends may to B (timeslot2) B sends may to A (timeslot2) A sends ACK to B (timeslot4) B sends ACK to C I message /4 timeslots (b) A → B , D → C (timeslot1) A sends may to B, D sends may to C (timeslot2) B sends ACK to A, (C = B → 26507) (timeslot3) C sends ACK to D 2 messages / 3 timeslots (c) A → B , C → D (timeslot1) A sends may to B (C 26547) (timeslot2) C sends MCK to A (C + C + C + C + C + C + C + C + C + C	(Limeslot) A: Sand(toB) B: recieve(fromA) C: Send(LoD), D: recieve(from	C)
e) @ C → B → A (timeslot1) C sends may to B (timeslot2) B sends may to A (timeslot2) A sends ACK to B (timeslot4) B sends ACK to C I message /4 timeslots (b) A → B , D → C (timeslot1) A sends may to B, D sends may to C (timeslot2) B sends ACK to A, (C = B → 26507) (timeslot3) C sends ACK to D 2 messages / 3 timeslots (c) A → B , C → D (timeslot1) A sends may to B (C 26547) (timeslot2) C sends MCK to A (C + C + C + C + C + C + C + C + C + C	: 2 messages/ 1 timeslot	
(timeslot2) B sends meg to A (timeslot2) A sends ACK to B (timeslot4) B sends ACK to C I message (4 timeslots (b) A > B , D > C (timeslot1) A sends meg to B, D sends meg to C (timeslot2) B sends ACK to A, (C = B + 社会) Timeslot2) C sends ACK to D Q messages / 3 timeslots (c) A > B, C > D (timeslot1) A sends meg to B (C = = +) (timeslot2) C sends meg to D (B = = +) (timeslot2) C sends meg to D (B = = +) (timeslot3) B sends ACK to A (C + + +) (timeslot4) D sends ACK to C	e) @ C → B → A	
(timeslot2) B sends meg to A (timeslot2) A sends ACK to B (timeslot4) B sends ACK to C I message (4 timeslots (b) A > B , D > C (timeslot1) A sends meg to B, D sends meg to C (timeslot2) B sends ACK to A, (C = B + 社会) Timeslot2) C sends ACK to D Q messages / 3 timeslots (c) A > B, C > D (timeslot1) A sends meg to B (C = = +) (timeslot2) C sends meg to D (B = = +) (timeslot2) C sends meg to D (B = = +) (timeslot3) B sends ACK to A (C + + +) (timeslot4) D sends ACK to C	(timeslot) C sends mag to B	
(timeslot4) A sends ACK to B (timeslot4) B sends ACK to C I message (4 timeslots (b) A > B , D > C (timeslot 1) A sends mag to B, D sends mag to C (timeslot 2) B sends ACK to A, (C > B + 社会) (Timeslot) C sends ACK to D 2 messages / 3 timeslots (c) A > B, C > D (timeslot 1) A sends mag to B (C > B > D) (timeslot 2) C sends mag to D (B > B > D) (timeslot 3) B sends ACK to A (C > C > D) (timeslot 4) B sends ACK to A (C > C > D) (timeslot 4) D sends ACK to C	(timeslots) B sends meg to A	
(timeslot4) Brends ACK to C I message /4 timeslots (b) A > B, D > C (timeslot 1) A sends msg to B, D sends msg to C (timeslot 2) B sends ACK to A, (C = B + 전字 2071 四日 전字型) (timeslot 3) C sends ACK to D 2 messages / 3 timeslots (c) A > B, C > D (timeslot 1) A sends msg to B (C 200 = 20 + 20 + 20 + 20 + 20 + 20 + 20	(timeslots) Asends ACK to B	
I message /4 timeslots (D) A > B , D > C (timeslot 1) A cends msg to B, D sends msg to C (timeslot 2) B sends ACK to A, (C と B オ 社会の) (timeslot 3) C sends ACK to D 2 messages / 3 timeslots (C) A > B, C > D (timeslot 1) A sends msg to B ((こを量っ)) (timeslot 2) C sends msg to D (B を量っ) (timeslot 3) Beends ACK to A (C チ と) (timeslot 4) D cends ACK to C		
(b) A > B , D > C (kimeslot 1) A cends may to B, D sends may to C (kimeslot 2) B sends ACK to A, (C = B + 在是3071 可提到 社会更数) (kimeslot 3) C sends ACK to D 2 messages / 3 timeslots (C) A > B, C > D (kimeslot 1) A sends may to B (C社会) (kimeslot 2) C sends may to D (B 社会) (kimeslot 3) Beends ACK to A (C + C + C + C + C + C + C + C + C + C		
(timeslot 1) A sends mag to B, D sends mag to C (timeslot2) B sends ACK to A, (Cと Bオ社会の7 は思めるととなる) (timeslot3) C sends ACK to D ことをおりまするとはなる (C) A > B, C > D (timeslot1) A sends mag to B (C社会の) (timeslot2) C sends mag to D (B 社会の) (timeslot3) Beends ACK to A (C会場の) (timeslot4) D sends ACK to C	(b) A → B, D → C	
(timeslot2) B sends ACK to A、(Cと Bオ社会の) 可知可 社会定数) (timeslot3) C sends ACK to D 2 messages/3 timeslots ⑥ A > B、C > D (timeslot1) A sends mag to B(C社会場かり (timeslot2) C sends mag to D(B 社会場かり (timeslot3) Beends ACK to A(Cを場かり (timeslot4) D sends ACK to C		
(Limeslot3) C sends ACk to D 2 messages/3 timeslots ② A > B, C > D (Limeslot1) A sends may to B (C是量) (Limeslot2) C sends may to D (B 想量) (Limeslot3) Beends ACk to A (C分量) (Limeslot4) D sends ACk to C	(timeslot2) B sends ACK to A, (C는 B对社会分別 如果明 社会是)	
② messages/3 timeslats ⑥ A→B, C→D (Limeslat) A sends mag to B (C型量) (Limeslat) C sends mag to D (B 型量) (Limeslat) Beends ACK to A (C分量) (Limeslat) Deends ACK to C		
(timeslot) A sends may to B (C改造) (timeslot) C sends may to D (B 改造) (timeslot) Beends ACK to A (C分替) (timeslot) Deends ACK to C		
(timeslot3) Beends ACK to A(CAUST) (timeslot4) Deends ACK to C		
(timeslot3) Beends ACK to A(CAUST) (timeslot4) Deends ACK to C	(Limedati) A sends may to B ((282))	
(timeslot3) Beends ACK to A(CAUST) (timeslot4) Deends ACK to C	(Limeslot2) Csends mso to D (B 26 301)	
(timeslot4) Deends ACk to C	(timeslots) Boends ACK to A (CACHEST)	
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