

Find behovenness centrality 4 votes 5, 5-

Yuw (v5) = # shotest u-w paths through v5 L Note of unw then the shortest unw path to edge uw

So does not go through 5.

Note shortest 3-8 path has large 2; there are two walkes:

3-1-8 and 3-5-8, one through Vs

So por the (a, w) pair (3,8) Paw (55)/Paw = 1/2]

We consider (co, w) pairs; utw, u + v5 + w.

We a	wow		•
(u, w)	Puw (V5)	Puw	Puw (vs)/
(1,2)	0		
(1,4)	O		
(1,6)	0	- Control of the Cont	The Association and Property an
(1,7)	0	en advantagement and an advantagement	
(2,4)	<i>O</i>		** The Control of the
(2,6)	0	- Managaran de Principal de Pri	**************************************
(2,7)	0		
(2,8)		2	1/2
(3,6)		and the state of t	
(3,7)	0		
(3, 8)		2	1/2

¿ Puw (V5)/Puw = 1 n^2 -Ja+2 = (n-1)(n-2) $=7\times6=42$

$$B_r = \frac{2 \times 1}{42} = \frac{1}{21}$$

Pairs	Puw (V3)	Puw	Puro (13) Paw	= Puw(vs)/Puw
12		l		= 81/2 = 17/2
14	1	12	1/2	()
16	Ö			(n-1)(n-2)=42
17	O		ě	
24	1	l I		1 2 17/2 17
25	1		1	$B_r = \frac{2 \times 17/2}{42} = \frac{17}{42}.$
26	91	1		42
27 28	2	2		
45	1	1		
47	0	•	`	
48	O			
56	O			
57	O			
7 8	0			