a broject are as follows? 20,000 30,000 50,000 30,000

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5 20,000 30,000 90,000 40,000 1,40,000 30,000 payback period by interpolation

$$= \frac{3+\frac{1,00,000-90,000}{1,40,000-90,000}}{50,000}$$

$$= \frac{3+2}{2} \frac{10,000}{2000}$$

		***	6 1		eh .
	1	11	Dascounted		Cumulative
Year (t)	Cash flows	(1+1°)E	cash-flows	(14r)E	Cumulative discounted cash flows
Yearl		0.893	17,860		17,860
	20,000		23,910		41,770
0	30,000	0, 797	28,48	00/-	70,250
(2) (2) -1	40,000	0.712	31,800		1,02,050
3	50,000	0.636	17,010		1,19,060
4	30,000	0.22	17,010		
5	Ĭ.		1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	TARMESI	Wio seek	erpook vo	San ors a A	
1	4-1237030,	139,000, TC	toolies	etween	s) the
	1	in restone	1	14 nearly	5)

Since, the initial investment (4) ears)

70,250 (3 years) and 1,02,050 (4) ears)

payback period by interpolation

= 3 + 1,00,000 + 70,250

= 3 + 29,750

- 31,800

$$= 3 + \frac{1,00,000}{102,050} - \frac{70,250}{70,250} =$$

$$= 3 + \frac{29,750}{31,800}$$

$$=$$
 3+ 0.94

In the following project:	llowing data is available for a
Year	Book value of investment Profit after tax
1	Ns. 20,000
2	Rs. 80,000
. 3	Rs. 70,000 Rs. 24,000
4	Rs. 60,000 Rs. 26,000 Rs. 28,000
- 5	Rs. 50,000
01-1-10	me gate of geturn
Caleula-le	the accounting rate of scatura.  verage annualy post-tax profit  verage annualy post-tax profit  10000+28,000
Account	(20,000 + 22,000 + 24,000 + 26,000 + 28,000)
	5 de 10 10 10 10 10 10 10 10 10 10 10 10 10
	Rs 24,000
Average	
SM Carry	(90,000 + 88,000, voi
-V, -	1 CC (6) 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	70,000 stailed ( ) Oct of
Accoun	ting rate of return
= A	verage arrupt poststate profit
	Iverage book value of investment
	24,000 = 34.29%.
	70,000
· ·	