























Bond level details of example considered				
Description	Bond 1	Bond 2		
Bond issuer	Oracle Corp	Alliance Capital		
Issuer rating grade	A3	A2		
Settlement date	24 Apr 2002	24 Apr 2002		
Bond maturity date	15 Feb 2007	15 Aug 2006		
Coupon rate	6.91%	5.625%		
Dirty price for \$1 nominal	1.0533	1.0029		
Nominal exposure	\$1,000,000	\$1,000,000		
PD (historical)	10 bp	8 bp		
KMV's EDF	58 bp	158 bp		
Mean recovery rate	47%	47%		
Volatility of RR	25%	25%		

## **Numerical example**















## Z-thresholds for A-rated obligor

	Transition	
Rating	probability	Z-threshold
AAA	0.07%	infinity
AA	2.25%	3.1947
А	91.75%	1.9917
BBB	5.19%	-1.5607
BB	0.49%	-2.4372
В	0.20%	-2.8071
CCC	0.01%	-3.2905
Default	0.04%	-3.3527









23-bond portfolio example Portfolio credit risk under migration mode					
Under migration mode and 30% asset return correlation	\$ 1.622	\$ 4.603	34.0 bp	96.6 bj	
Under default mode and 30% asset return correlation	\$ 0.660	\$ 3.268	13.8 bp	68.6 bj	