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Figure S1



Figure S1 Diffuse reflectance absorption spectra of the MLCT region of Ru(bpy)₃²⁺ in dehydrated zeolites: (a) Na⁺-X and (b) Na⁺-Y at three loading levels.

Supplementary Material (ESI) for Photochemical & Photobiological Sciences This journal is $\[mathbb{C}$ The Royal Society of Chemistry and Owner Societies 2006 Figure S2



Figure S2 Luminescence spectra of Ru(bpy)₃²⁺ in dehydrated zeolite excited at 460 nm for Na⁺-X (a) and for Na⁺-Y (b), both at three loading levels.

Supplementary Material (ESI) for Photochemical & Photobiological Sciences This journal is $\[mathbb{C}\]$ The Royal Society of Chemistry and Owner Societies 2006 Figure S3



Figure S3

Luminescence

decay curves of Ru(bpy)₃²⁺ in dehydrated alkali metal cation-exchanged zeolites excited at 460 nm (0.50 μ J cm⁻²) and measured at 610 nm: (a) M⁺-X (\overline{n} = 1/58) and (b) M⁺-Y (\overline{n} = 1/59). Solid curves show the sum of three exponential fitting.