Name-Surname:
Student No: **Class:** **Grade:**

MAT435 **Computer Aided Geometric Design**

Quiz 2

20.10.2003

YOU must write GOOD Mathematics, clearly explaining each step of your proof. Otherwise, no objection!

Given the control points $(0,0),(2,2),(4,0),(6,2)$ and $(8,0)$;

1. Calculate the Bézier point on the Bézier curve $\mathbf{b}_0^4(1/2)$ *from the de Casteljau algorithm.*

2. Evaluate the quantic Bézier curve $\mathbf{b}_0^4(t) = (x(t), y(t))$ explicitly.