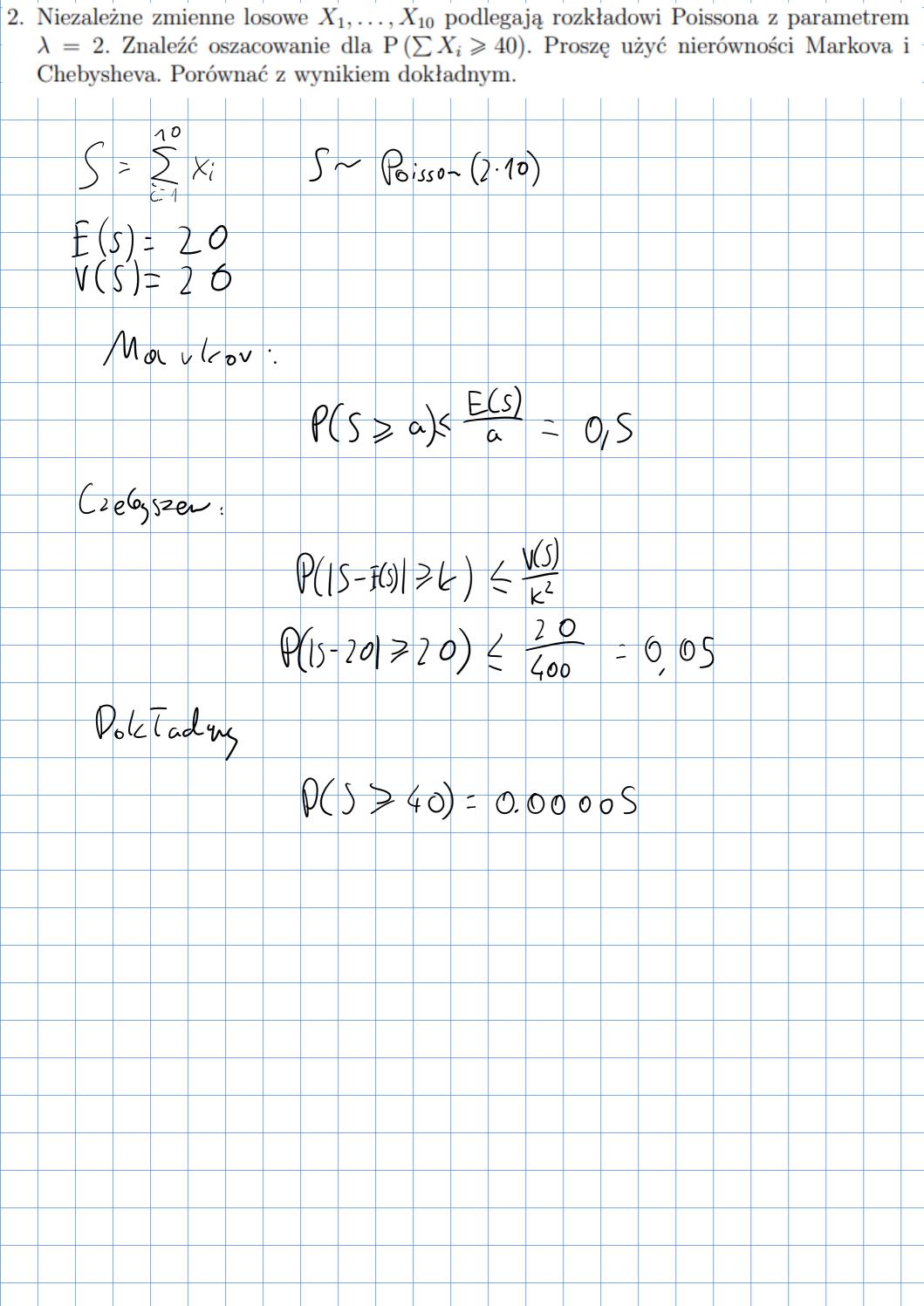
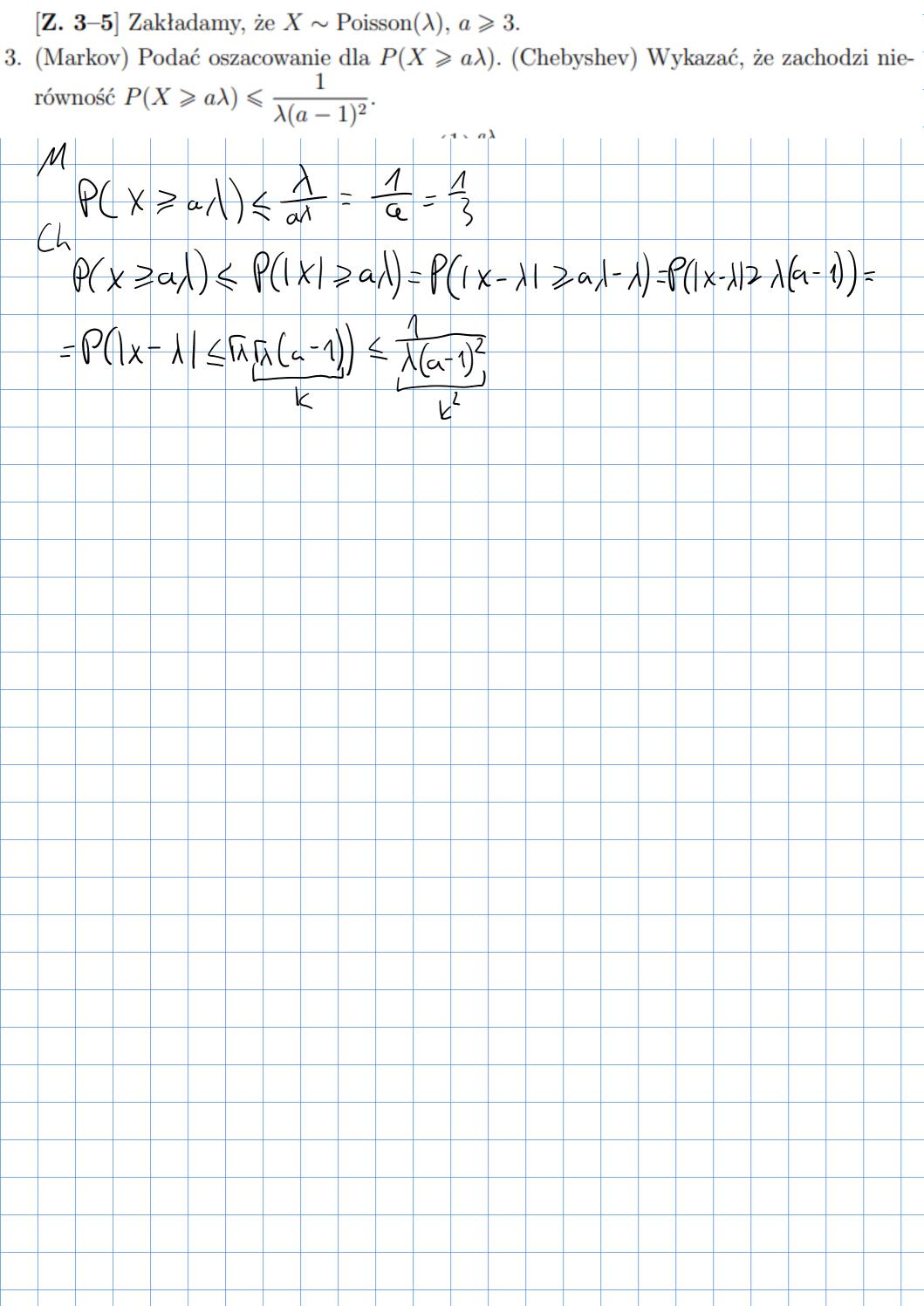
1.	Zmie Wyz	enn znac	a lo czyć	sow	a (2 stry	X, Ybua	′) n ntę	na g $F(s)$	(x,t)	ość o tej z	okre zmie	éslor enne	ıą w ej.	zor	em	f(x)	(y)	=	xy	na [	[0, 1]	×	[0, 2].





4. (Chernoff) Wykazać, że  $P(X \ge a\lambda) \le \left(\frac{1}{a}\right)^{a\lambda} \exp\left[\lambda(a-1)\right]$ .  $P(x \ge a / 1) = P(x - \lambda \ge \lambda(a - 1)) = P(e_{x}p(x - \lambda) \ge e_{x}p(\lambda(a - 1))) \le$  $\leq M(1)e \times (-\sqrt{(a-1)}) = e \times p(\lambda(e-1) - \lambda(a-1)) =$  $= e \times \rho (\lambda(e-1)-2\lambda(a-1)+\lambda(a-1)) =$  $= \exp(|e-\lambda-2|a+2\lambda)\cdot \exp(|\lambda(a-1)|) =$  $=e_{XP}(\Lambda(e-2\alpha+1))$ 

