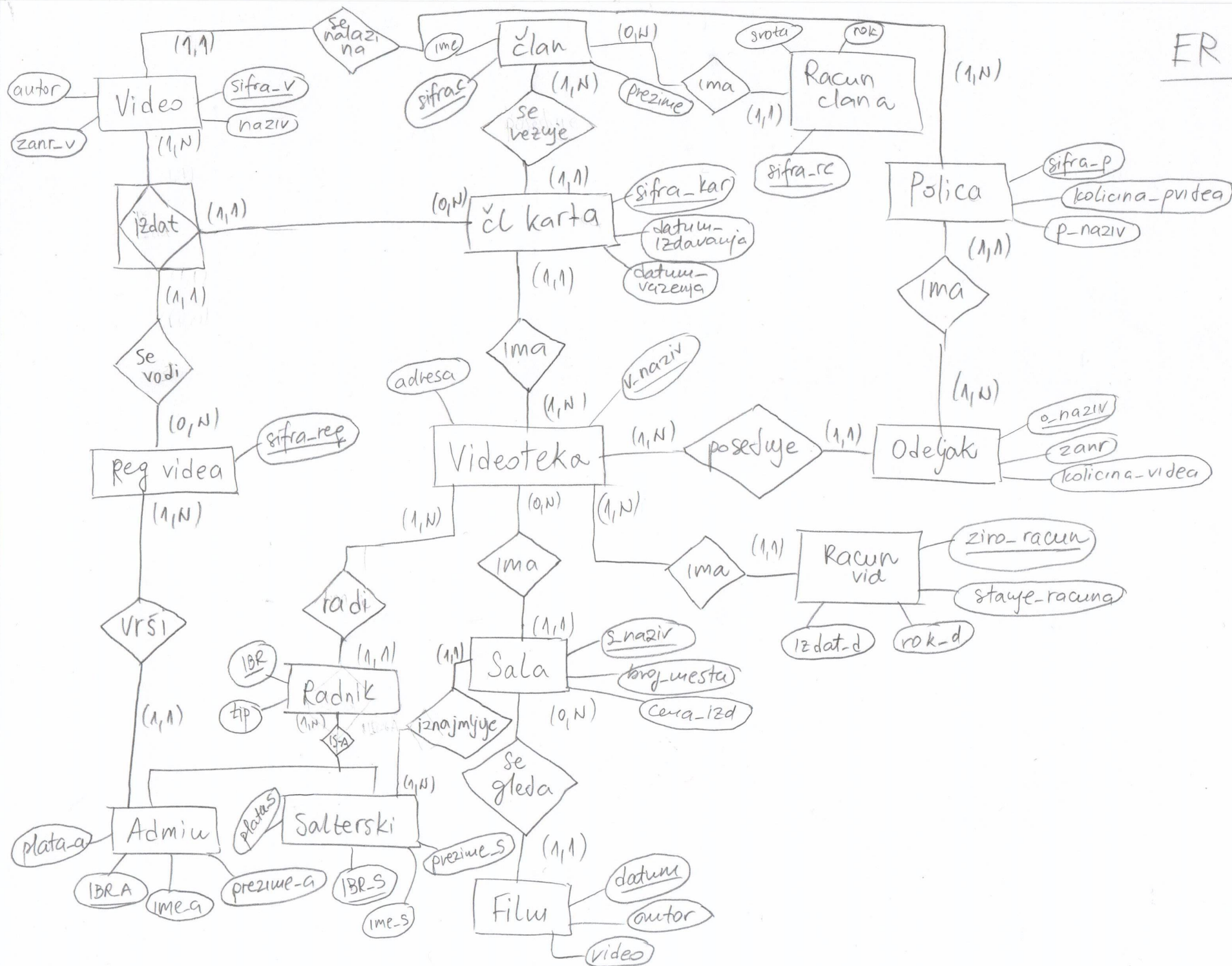


ER



PREVOĐENJE ER MODELA



$\text{Video} (\{ \text{sifra-v}, \text{zahr}, \text{autor}, \text{naziv} \}, \{ \text{sifra-v} \})$
 $\text{Izdac} (\{ \text{sifra-v} \}, \{ \text{sifra-v} + \text{sifra-kar} \})$
 $\text{Se vodi} (\{ \text{sifra-reg}, \text{sifra-v} \}, \{ \text{sifra-v} + \text{sifra-reg} + \text{sifra-kar} \})$
 $\text{Reg video} (\{ \text{sifra-reg} \}, \{ \text{sifra-reg} \})$
 $\text{Izdac} [\text{sifra-v}] \subseteq \text{Video} [\text{sifra-v}]$, $\text{Izdac} [\text{sifra-kar}] \subseteq \text{Cl karta}$
 $\text{Se vodi} [\text{sifra-v}] \subseteq \text{Izdac} [\text{sifra-v} + \text{sifra-kar}]$ $[\text{sifra-kar}]$
 $\text{Se vodi} [\text{sifra-reg}] \subseteq \text{Reg video} [\text{sifra-reg}]$, $\text{Izdac} [\text{sifra-kar} + \text{sifra-reg}] \subseteq$
 $\text{Videoteka} (\{ \text{v-naziv}, \text{adresa}, \{ \text{v-naziv} \})$
 $\text{Radnik} (\{ \text{IBR}, \text{tp}, \{ \text{IBR} \})$ $\text{Se vodi} [\text{sifra-kar} + \text{sifra-reg}]$
 $\text{Radnik} [\text{v-naziv}] \subseteq \text{Videoteka} [\text{v-naziv}]$
 $\text{Null} (\text{Radnik}, \text{v-naziv}) = \perp$
 $\text{Videoteka} [\text{v-naziv}] \subseteq \text{Radnik} [\text{v-naziv}]$
 $\text{Admin} (\{ \text{IBR}, \text{IBR-A}, \text{plata-a}, \text{ime-a}, \text{prezime-a}, \{ \text{IBR-A} \})$
 $\text{SALTERSKI} (\{ \text{IBR}, \text{IBR-S}, \text{plata-S}, \text{ime-S}, \text{prezime-S}, \{ \text{IBR-S} \})$
 $\text{Admin} [\text{IBR}] \subseteq \text{Radnik} [\text{IBR}]$
 $\text{SALTERSKI} [\text{IBR}] \subseteq \text{Radnik} [\text{IBR}]$
 $\text{Radnik} [\text{IBR}] \subseteq \text{SALTERSKI} [\text{IBR}] \cup \text{Admin} [\text{IBR}]$
 $\text{Admin} (\{ \text{IBR}, \text{IBR-A}, \text{plata-a}, \text{ime-a}, \text{prezime-a}, \text{sifra-reg}, \{ \text{IBR-A} \})$
 $\text{Admin} [\text{IBR-A}] \subseteq \text{Reg video} [\text{IBR-A}]$
 $\text{Null} (\text{Admin}, \text{sifra-reg}) = \perp$
 $\text{Reg video} [\text{sifra-reg}] \subseteq \text{Admin} [\text{sifra-reg}]$
 $\text{Sala} (\{ \text{s-naziv}, \text{broj-mesta}, \text{cena-izd}, \text{v-naziv}, \{ \text{s-naziv} \})$
 $\text{Sala} [\text{v-naziv}] \subseteq \text{Videoteka} [\text{v-naziv}]$
 $\text{Null} (\text{Sala}, \text{v-naziv}) = \perp$
 $\text{Sala} (\{ \text{s-naziv}, \text{broj-mesta}, \text{cena-izd}, \text{v-naziv}, \text{IBR-S}, \{ \text{s-naziv} \})$
 $\text{Sala} [\text{IBR-S}] \subseteq \text{SALTERSKI} [\text{IBR-S}]$
 $\text{Null} (\text{Sala}, \text{IBR-S}) = \perp$
 $\text{SALTERSKI} [\text{IBR-S}] \subseteq \text{Sala} [\text{IBR-S}]$
 $\text{Film} (\{ \text{datum}, \text{autor}, \text{video}, \text{s-naziv}, \{ \text{datum} \})$
 $\text{Film} [\text{s-naziv}] \subseteq \text{Sala} [\text{s-naziv}]$
 $\text{Null} (\text{Film}, \text{s-naziv}) = \perp$
 $\text{Cl karta} (\{ \text{sifra-kar}, \text{datum-izdavanja}, \text{datum-važenja}, \text{sifra-c}, \{ \text{sifra-kar} \})$
 $\text{Cl karta} (\{ \text{sifra-c}, \text{ime}, \text{prezime}, \{ \text{sifra-c} \})$
 $\text{Cl karta} [\text{sifra-c}] \subseteq \text{Clan} [\text{sifra-c}]$
 $\text{Null} (\text{Cl karta}, \text{sifra-c}) = \perp$
 $\text{Clan} [\text{sifra-c}] \subseteq \text{Cl karta} [\text{sifra-c}]$
 $\text{Racun clana} (\{ \text{sifra-rc}, \text{snoga}, \text{rok}, \text{sifra-c}, \{ \text{sifra-rc} \})$
 $\text{Racun clana} [\text{sifra-c}] \subseteq \text{Clan} [\text{sifra-c}]$
 $\text{Null} (\text{Racun clana}, \text{sifra-c}) = \perp$

$\text{Odejak} (\{ \text{o-naziv}, \text{zavr}, \text{kolikana-video}, \text{v-naziv} \}, \{ \text{o-naziv} \})$

$\text{Odejak} [\text{v-naziv}] \subseteq \text{Videoteka} [\text{v-naziv}]$

$\text{Null} (\text{Odejak}, \text{v-naziv}) = \perp, \text{Odejak} [\text{o-naziv}] \subseteq \text{Videoteka} [\text{o-naziv}]$

$\text{Polica} (\{ \text{sifra-p}, \text{kolikana-pridea}, \text{p-naziv}, \text{o-naziv} \}, \{ \text{sifra-p} \})$

$\text{Polica} [\text{o-naziv}] \subseteq \text{Odejak} [\text{o-naziv}]$

$\text{Null} (\text{Polica}, \text{o-naziv}) = \perp$

$\text{Odejak} [\text{o-naziv}] \subseteq \text{Polica} [\text{o-naziv}]$

$\text{Video} (\{ \text{sifra-v}, \text{naziv}, \text{zavr-v}, \text{autor}, \text{sifra-p} \}, \{ \text{sifra-v} \})$

$\text{Video} [\text{sifra-p}] \subseteq \text{Polica} [\text{sifra-p}]$

$\text{Null} (\text{Video}, \text{sifra-p}) = \perp$

$\text{Polica} [\text{sifra-p}] \subseteq \text{Video} [\text{sifra-p}]$

$\text{Racun vid} (\{ \text{zivo-racun}, \text{stajje-racuna}, \text{rok-d}, \text{izdat-d}, \text{v-naziv} \},$

$\text{Racun vid} [\text{v-naziv}] \subseteq \text{Videoteka} [\text{v-naziv}]$ (zivo-racun)

$\text{Null} (\text{Racun vid}, \text{v-naziv}) = \perp$

$\text{Videoteka} [\text{v-naziv}] \subseteq \text{Racun vid} [\text{v-naziv}]$