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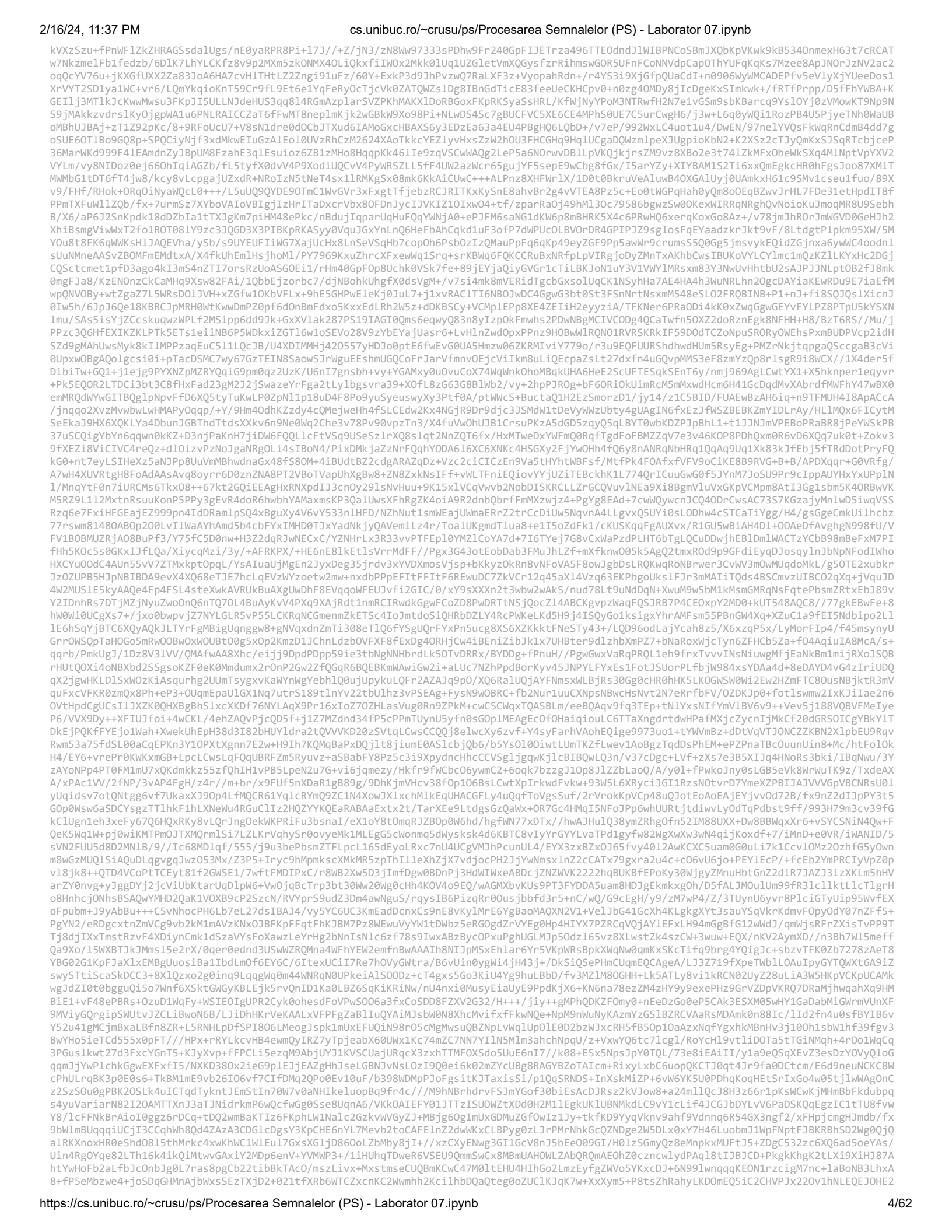

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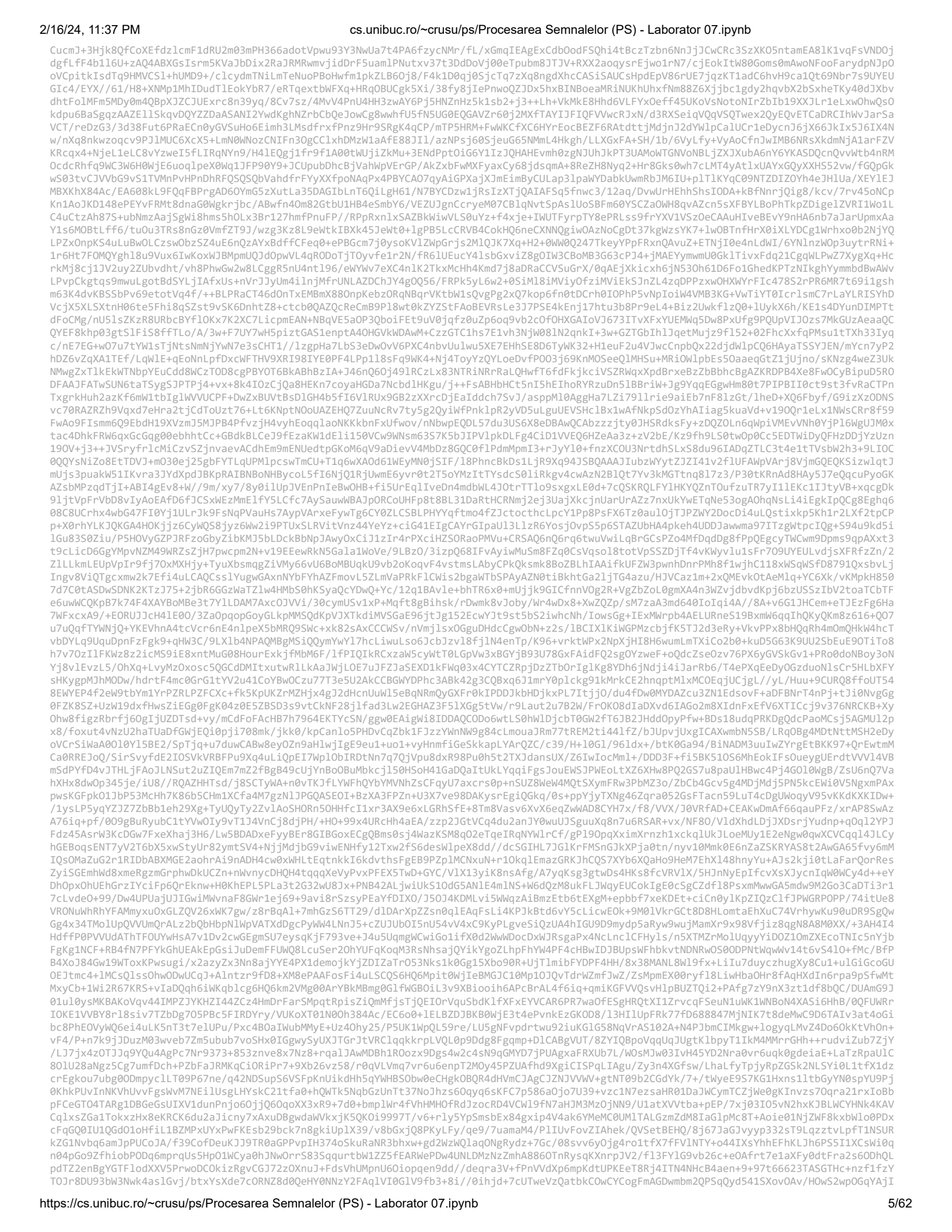

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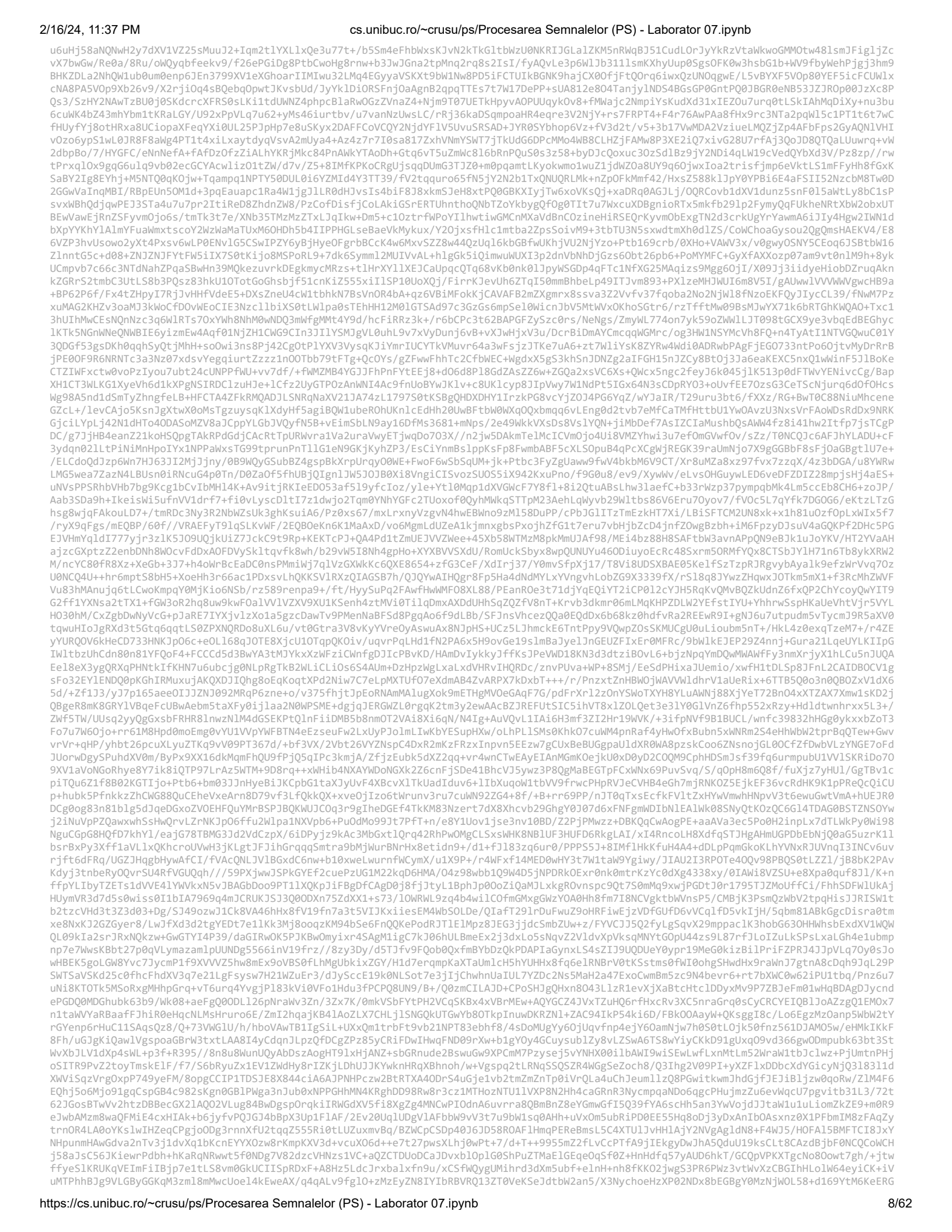

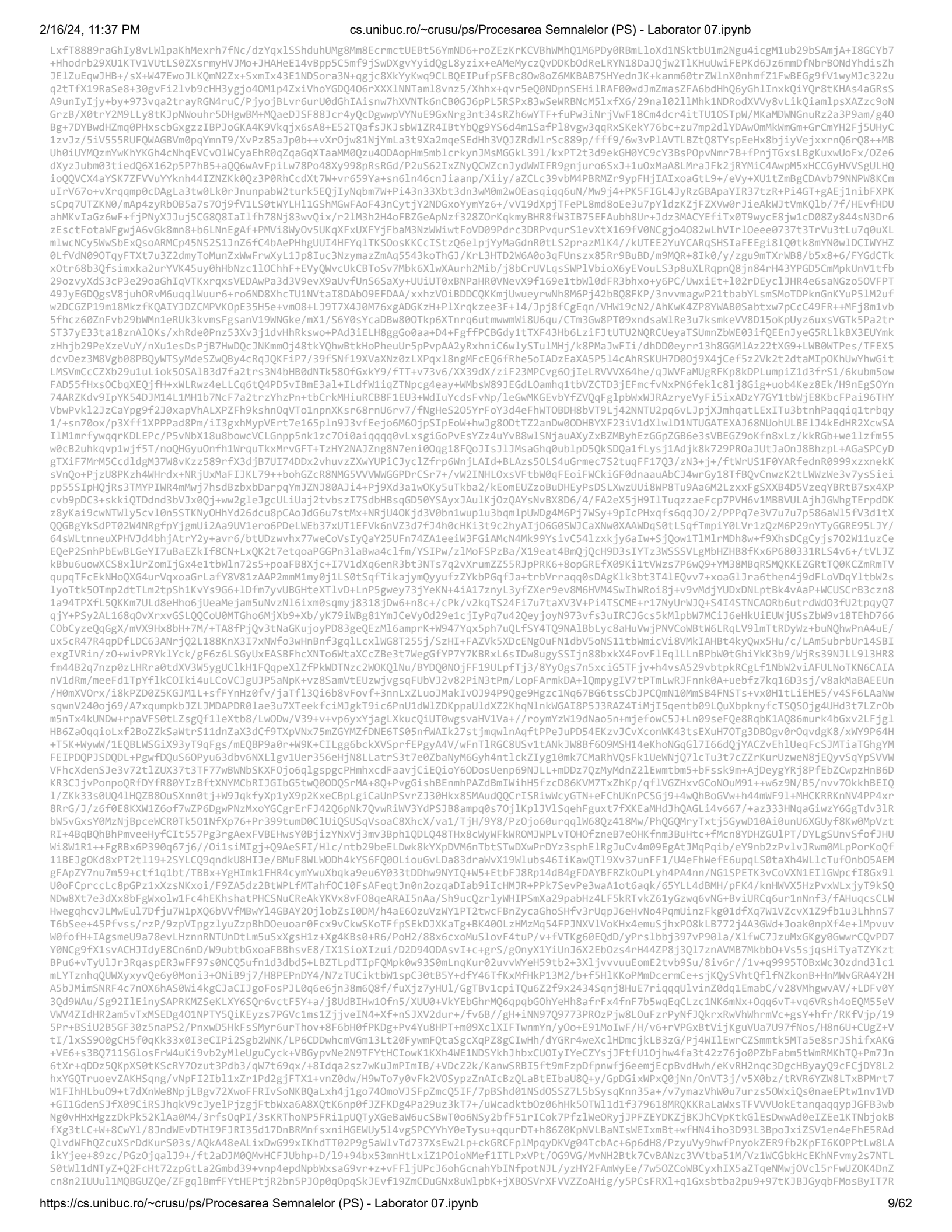

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    "Y_{m_1,m_2} = \\sum_{n_1=0}^{N_1-1}\\sum_{n_2=0}^{N_2-1}x_{n_1,n_2}e^{-j2\\pi(m_1 n_1/N_1 + m_2 n_2/N_2)}\n",
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    "* unde $n_1$ Č i $n_2$ sunt poziČ ile pixelilor pe orizontalĂ, respectiv, pe verticalĂ \n",
    "* bin-urile rezultate corespund poziČ iilor pixelilor\n",
    "* spectrul este ĂŽn continuare simetric\n",
    "* proprietĂČ ile transformatei DFT 1D sunt respectate Č i ĂŽn cazul celei 2D\n",
    "\n",
    "Ă n continuare vom folosi rutina generalĂ `fft2` ce serveČ te mai bine activitĂČ ii de ĂŽnvĂČ are, deČ i pentru semnale reale ar trebui sĂ folosim `rfft2` ce ĂŽntoarce doar informaČ ia esenČ ialĂ (ex. omite simetriile). De asemenea vom analiza spectrul ĂŽn scalĂ logaritmicĂ pentru a diferenČ ia mai bine imaginile urilor DTF."
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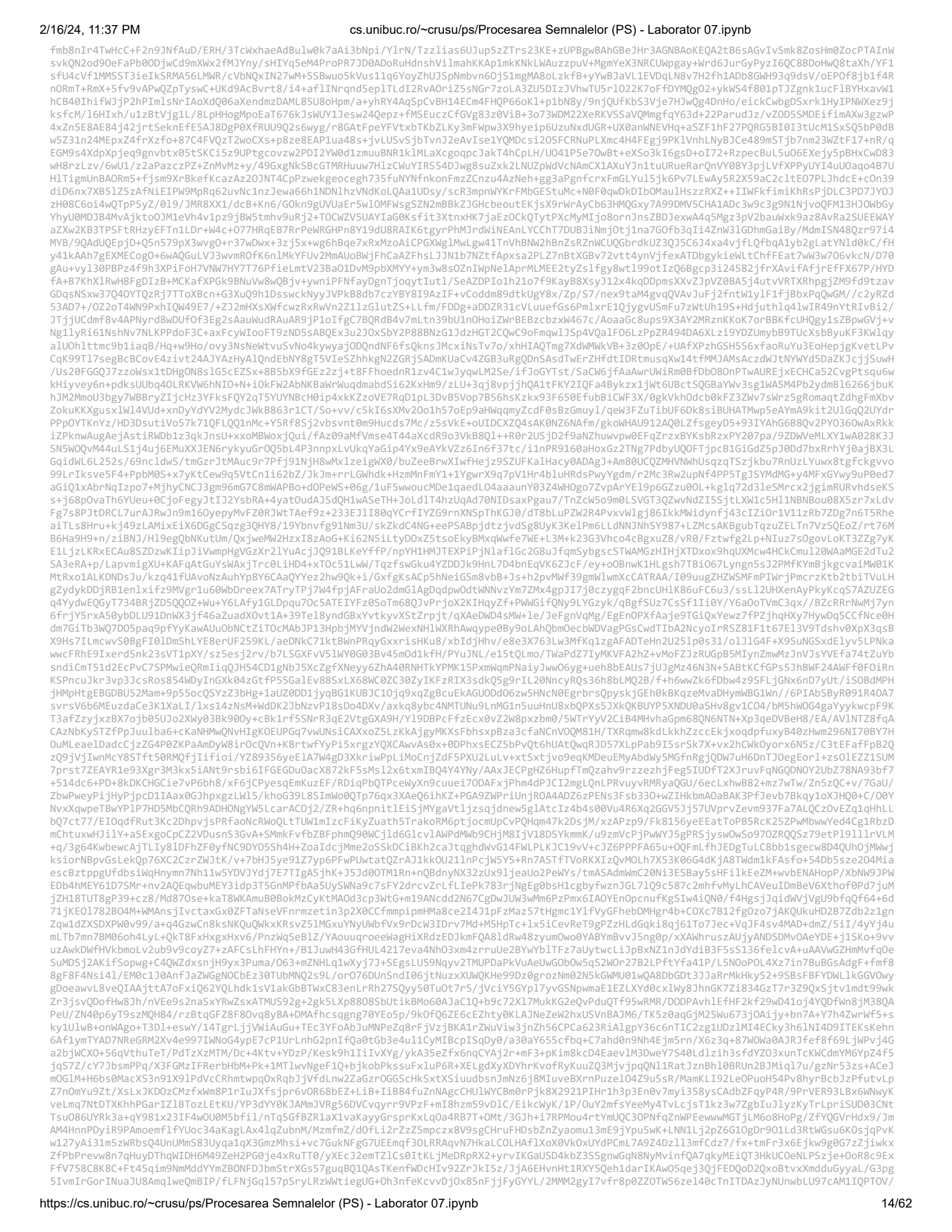
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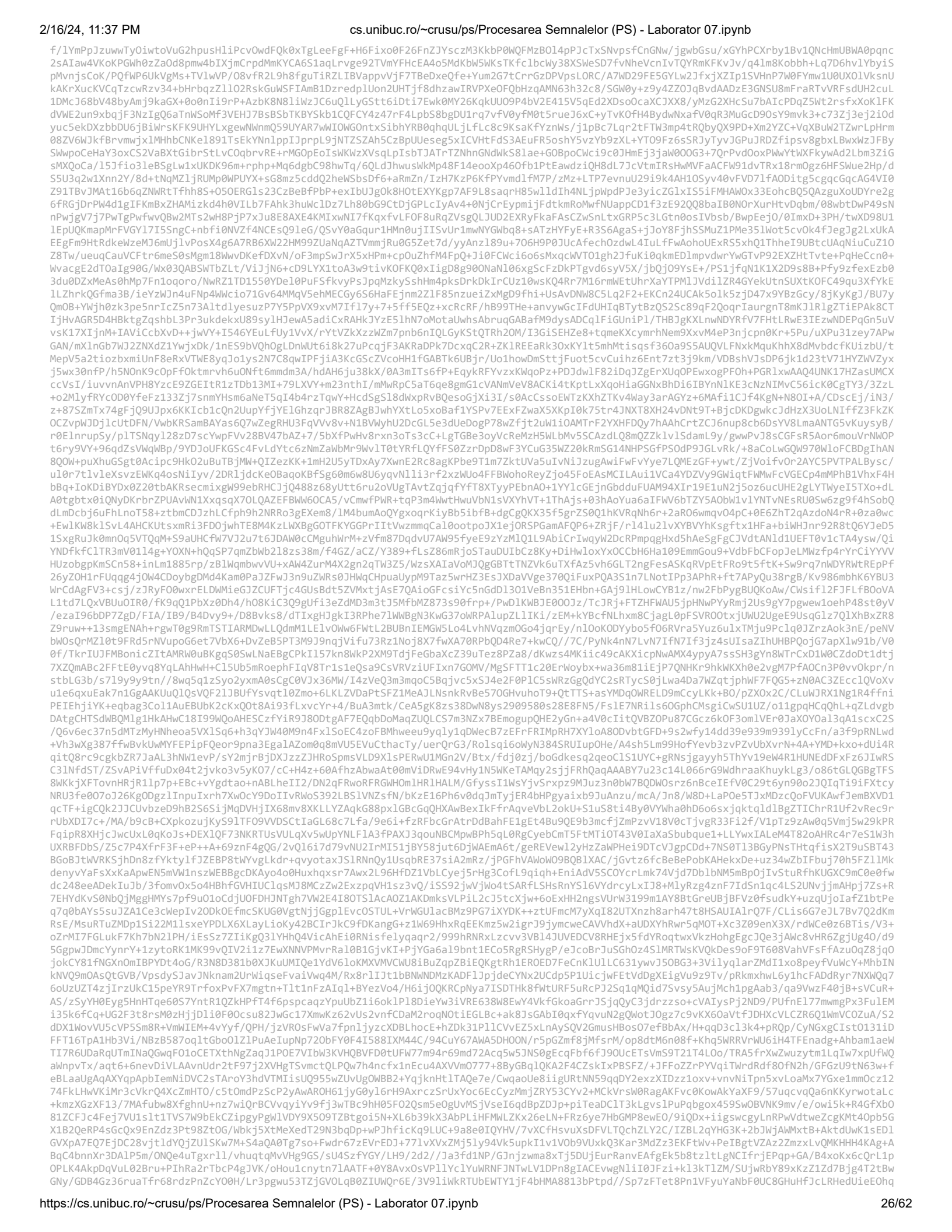
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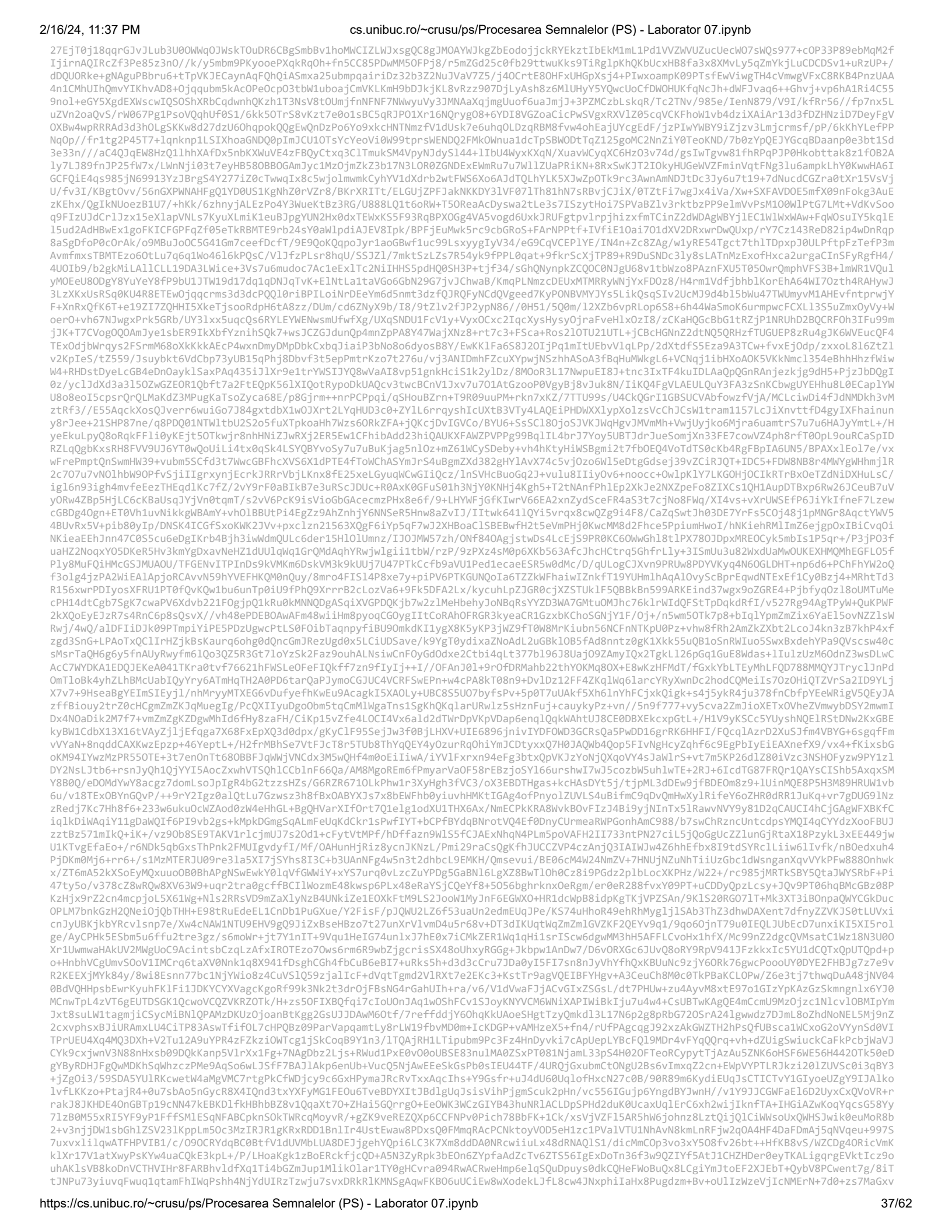

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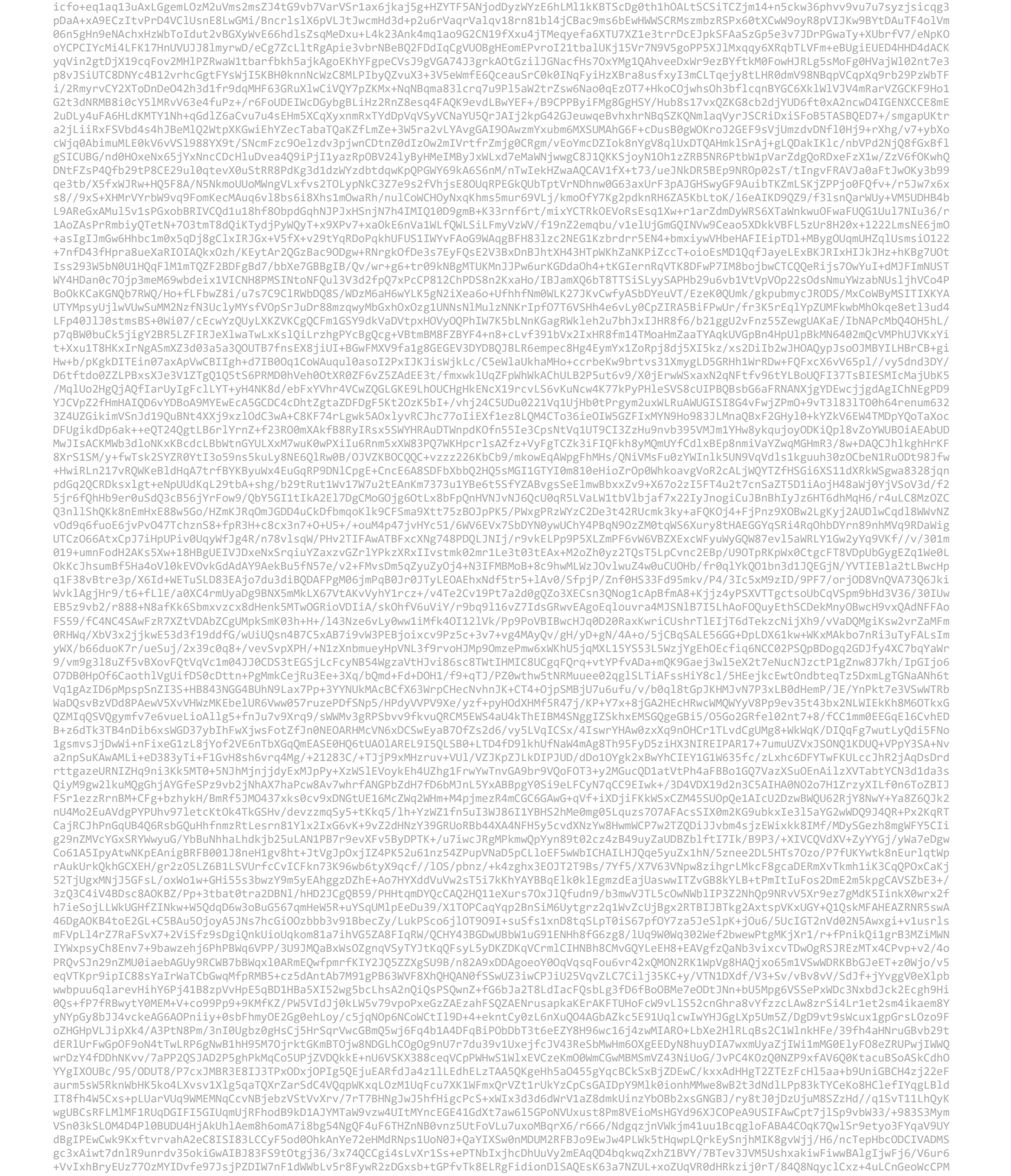

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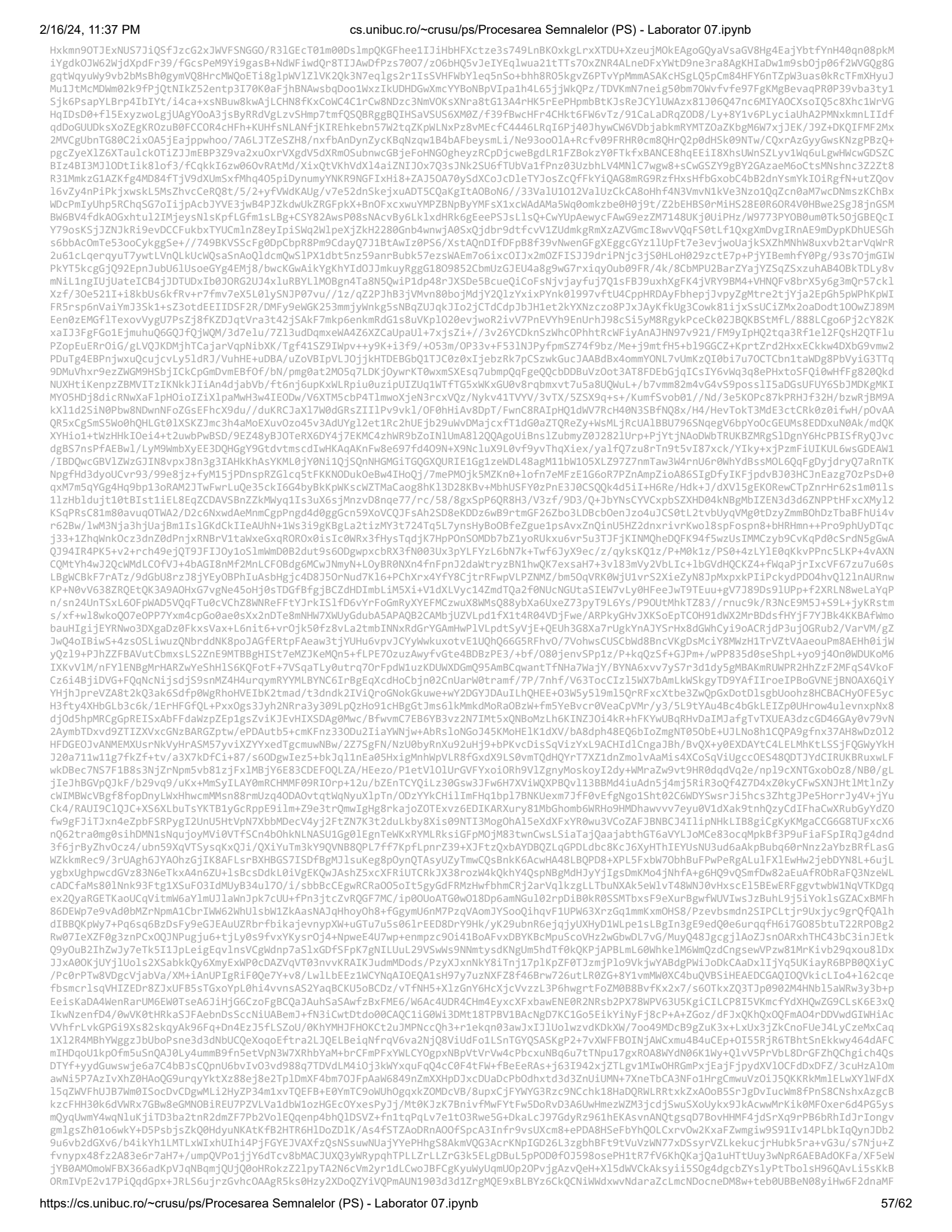
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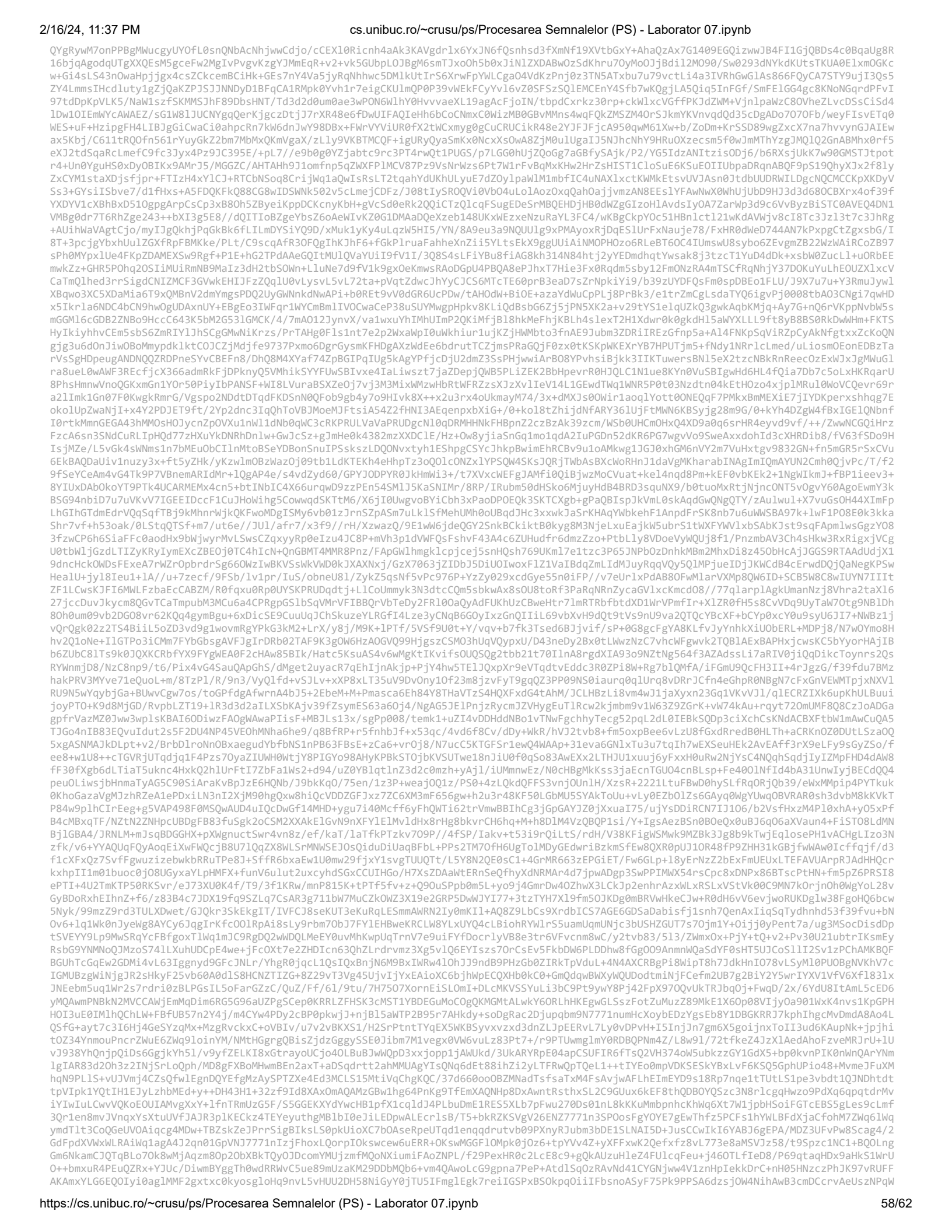
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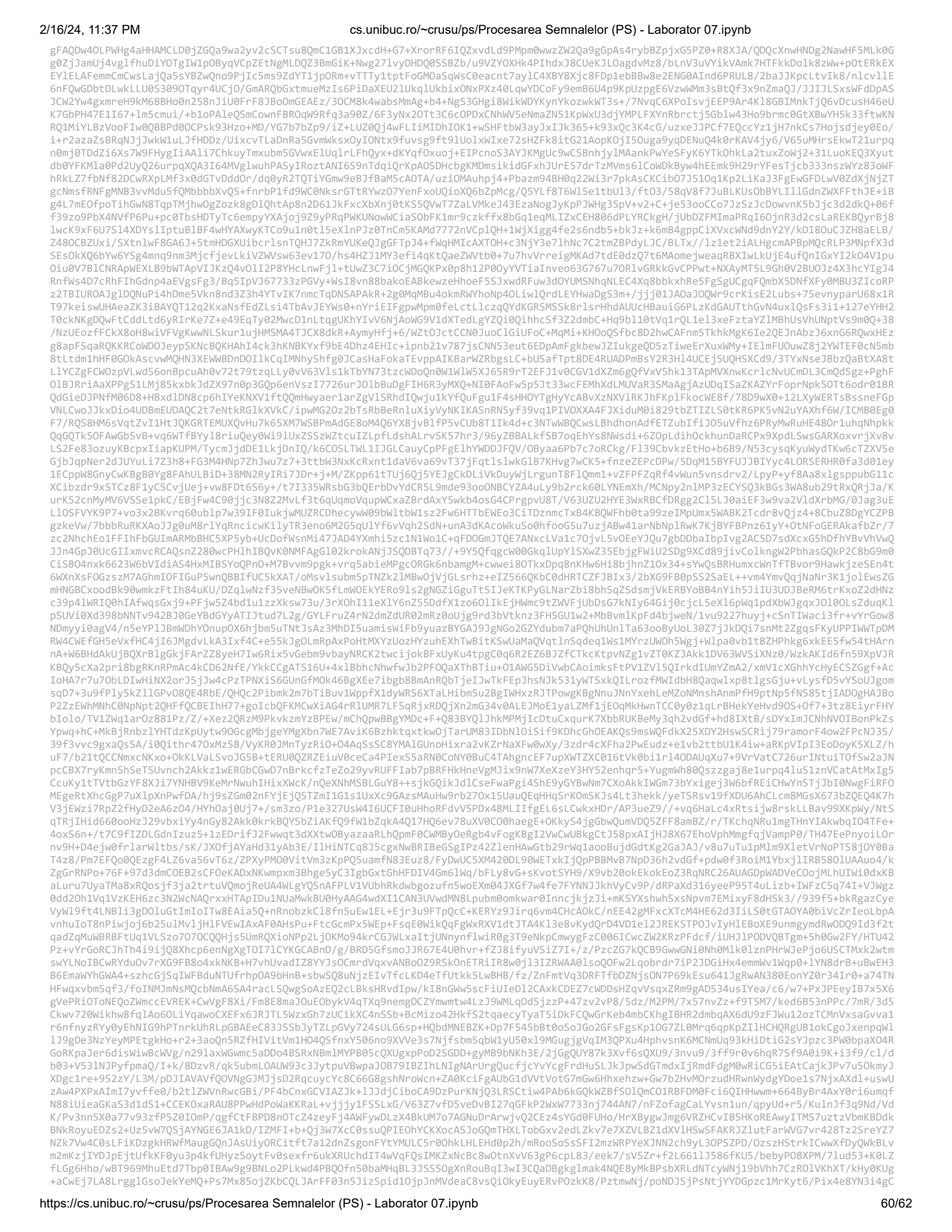

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     "* $x_{n_1,n_2} = \\sin(2\\pi n_1 + 3\\pi n_2)$\n",
     "* $x_{n_1,n_2} = \\sin(4\\pi n_1) + \\cos(6\\pi n_2)$\n",
     "* $Y_{0,5} = Y_{0,N-5} = 1\\text{, altfel }Y_{m_1,m_2} = 0,\\ \\forall m_1, m_2$\n",
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     "\n",
     "*AtenČ›ie*: $x$ reprezintÄ informaČ›ie ÃŽn domeniul timpului, $Y$ ÃŽn domeninul frecvenČ›ei.\n",
     "\n",
     "2. ComprimaČ›i imaginea cu ratonul de mai sus prin atenuarea frecvenČ›elor ÃŽnalte pÃ˘nÄ la un prag SNR autoimpus.\n",
     "\n",
     "3. EliminaČ›i zgomotul adÄugat la imaginea cu ratonul produsÄ mai sus. PrezentaČ›i raportul SNR ÃŽnainte Č›i dupÄ."
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