177 $\frac{1}{x+2}+\frac{2}{3x-2}=\frac{1}{3x^2+4x-4}$ $\left[S=\left\{-\frac{1}{5}\right\}\right]$

178 $\frac{x+5}{5x-x^2}+\frac{x-5}{x^2+5x}=\frac{20}{x^3-25x}$ $[S=\{-1\}]$

179 $\frac{1}{x+8}-\frac{2}{x+2}+\frac{12}{x^2+10x+16}=0$ $[S=\varnothing]$

180 $\frac{4x^2+1-4x}{2x-1}-\frac{4x^2+1+4x}{2x+1}+\frac{2+x}{1-x}=0$ $[S=\{0\}]$

181 $\frac{-3}{x^2+2x}+\frac{2}{x^2-2x}-\frac{10}{x^2-4}=0$ $\left[S=\left\{\frac{10}{11}\right\}\right]$

182 $\frac{x-1}{x+3}-\frac{1}{x^2+5x+6}=\frac{x+1}{x+2}$ $[S=\varnothing]$

183 $\frac{3-x}{x^2-9}+\frac{2}{x}=\frac{2}{3x+9}+\frac{5}{3x+x^2}$ $[S=\varnothing]$

184 $\frac{5}{x^2-9}-\frac{x-2}{3-x}=\frac{x-1}{3+x}$ $\left[S=\left\{\frac{4}{5}\right\}\right]$

185 $\frac{3x^2}{x^3-8}+\frac{x^2+1}{x^2+2x+4}+\frac{x-1}{2-x}=0$ $[S=\varnothing]$

186 $\frac{2}{x-5}-\frac{1}{x}=\frac{2(x-1)^2}{5x-x^2}+2$ $[S=\{-1\}]$

187 $\frac{2(x+2)(x-4)}{x^2-5x+6}=\frac{x-3}{x-2}+\frac{2-x}{3-x}$ $\left[S=\left\{\frac{29}{6}\right\}\right]$

188 $\frac{1-x}{2-x}-\frac{x-2}{x-1}=\frac{1}{x^2-3x+2}$ $[S=\varnothing]$

189 $\frac{x+1}{x-1}-\frac{6}{x^2+x-2}-\frac{x-3}{x+2}=0$ $[S=\varnothing]$

190 $\frac{1}{x+2}+\frac{x}{x^2-4}=\frac{3x}{2-x}+3$ $\left[S=\left\{-\frac{5}{4}\right\}\right]$

191 $\frac{x+5}{x^2-25}+\frac{4x+5}{x^2-5x}=\frac{2}{x}$ $[S=\varnothing]$

192 $\frac{x}{x^2-2x+1}-\frac{1}{4-4x}=0$ $\left[S=\left\{\frac{1}{5}\right\}\right]$

193 $-\frac{5-2x}{3x+6}-\frac{1}{2}=\frac{1}{3(x+2)}+\frac{x-2}{6x+12}-\frac{8}{3x+6}$ $[S=R-\{-2\}]$

194 $2x-3-\frac{7}{x^2}-\frac{(x-2)^3}{x^2}=x+\frac{1}{x^2}+3\left(\frac{x+1}{x}\right)$ $[S=\varnothing]$

195 $\frac{2x}{3x-5}-\frac{1+x}{2}-\frac{1}{5-3x}=\frac{1-x}{2}$ $[S=\{6\}]$

196 $-\frac{5x}{12-6x}+\frac{2x}{3x-6}+\frac{x}{4-2x}=\frac{6x}{12-6x}$ $[S=\{0\}]$