${\tt hsrstud} - {\tt HSR\text{-}Stud} \ {\tt Style} \ {\tt and} \ {\tt Macros}^*$

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^{*}This file describes version v0.1, last revised 2020/04/16.

1 Purpose of this package

This package is made for the HSR Studenten organization to provide an easy to use interface to give a more consistent look and feel for the works produced by its the members. A secondary objective of this package is to eliminate the *many* dispersed duplicate .tex files that fill the repositories of the HSR-Stud org.

2 Package Options

dontrenew Do not renew existing LATEX commands and environments. This is useful when the package is loaded on a document that is already partiall written.

arrowvec Tells the package to use a vector notation with a small arrow over the variables, as it were handwritten.

textvecdiff Disables the "Nabla" or "Del" notation for vector derivatives. Instead the symbols $\nabla, \nabla \cdot, \nabla \times, \nabla^2$ are be replaced with grad, div, curl and div grad.

3 Summary notation

4 Default Theming

4.1 Links with hyperref

```
Colors from [?] see

https://intranet.hsr.ch

1 Colors from
2 \cite{bib:hsrcolors} see \\
3 \url{https://intranet.hsr.ch}
```

4.2 Source Code with listings

```
1 int main(int argc, char *argv[], char *envp[]) {
2    std::cout << "hello world" << std::endl;
3 }

1 \begin{lstlisting}[language=C++]
2 int main(int argc, char *argv[], char *envp[]) {
3    std::cout << "hello world" << std::endl;
4 }
5 \end{lstlisting}</pre>
```

5 Mathematics

5.1 Vectors

\vec, \v, \vc Vectors notation. If the option arrowvec described in §2 is enabled, the notation with a small arrow over the varible will be used \vec{x} , otherwise the vector is bold \vec{x} . Takes one option $\{\langle letter \rangle\}$. \v is renamed to \vaccent and \vec to \oldvec.

```
\mathbf{F} = m\mathbf{a} 1 \[ \vec{F} = m\vec{a} \]
```

\uvec, \uv Unit vector notation. Takes {\langle letter \rangle}. It is implemented in terms of \vec, which means that the style is inherited.

$$\hat{\mathbf{x}} = \mathbf{x}/x$$
 1 \[\uvec{x} = \vec{x}/x \]

5.1.1 Products

\dotp Dot product between vectors.

$$\mathbf{u}\cdot\mathbf{v}$$
 1 \[\vec{u}\dotp\vec{v} \]

\crossp, \cross Cross product between vectors.

5.2 Matrices and Tensors

\mtx Matrix notation. Takes $\{\langle letter \rangle\}$.

$$J = \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}$$

$$J = \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}$$

$$J = \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}$$

$$J = \begin{pmatrix} 0 & 1 \\ 4 & 1 & 0 \\ 5 & & \text{end{pmatrix}} \end{pmatrix}$$

\ten Tensor notation. Takes $\{\langle letter \rangle\}$.

$$\mathbf{T^{(n)}} = \hat{\mathbf{n}} \cdot \underline{\boldsymbol{\sigma}}$$
 1 \[2 \vec{T}^{(\vec{n})} = 3 \uvec{n} \dotp\ten{\sigma} 4 \]

5.3 Equalities

\heq L'Hôpital limit equality symbol.

$$\lim_{x\to\infty}\frac{x}{x^2-1}\stackrel{\hat{\mathbf{H}}}{=}\lim_{x\to\infty}\frac{1}{2x}=0$$

5.4 Derivatives

5.4.1 Differentials

\dd The differential element. It needs a $\{\langle var \rangle\}$ and has the optional argument $[\langle order \rangle]$.

$$\mathrm{d}x = \mathrm{d}^4x$$
 1 \[\dd{x} \qquad \dd[4]{x} \]

\di This is the same as \dd but with a small space in front, it is intended to be used in integrals for a nicer typesetting.

$$I = \int \mathbf{J} \cdot d\mathbf{s}$$

$$= \iint \mathbf{J} \cdot \hat{\mathbf{n}} \, dx \, dy$$

$$1 \text{ \begin{align*}} \\ 2 & I & & & | \text{int } \text{vec{J}} \setminus dotp \setminus dd} \\ 3 & & & & | \text{iint } \text{vec{J}} \setminus dotp \setminus dd} \\ & & & & \text{uvec{n}} \setminus di\{x\} \setminus di\{y\} \setminus dd\{align*\}$$

5.4.2 Classical

\deriv The derivative has arguments $\{\langle function \rangle\}$, $\{\langle var \rangle\}$ and the optional argument $[\langle order \rangle]$.



\pderiv The partial derivative has arguments $\{\langle function \rangle\}$, $\{\langle var \rangle\}$ and the optional argument $[\langle order \rangle]$.

5.4.3 Vector

\grad The gradient operator.

abla f 1 \[\grad f \]

\div, \divg The divergence operator, \div is renamed to \divsymb. If the option donotrenew is used \divg is also available.

 $abla \cdot f$ 1 \[\div f \]

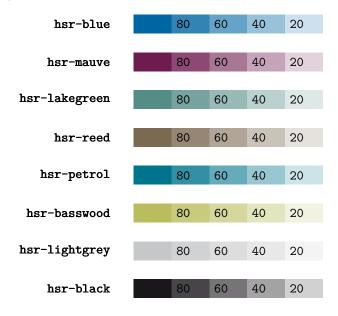
\curl The curl operator.

abla imes f 1 \[\curl f \]

\laplace The laplace operator.

 $abla^2 f$ 1 \[\laplace f \]

6 Colors



7 License

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hsrstud package implementation with inline documentation

8 Implementation

8.1 Dependencies

```
1 %% Dependencies ((
2 \RequirePackage{amsmath}
3 \RequirePackage{amssymb}
4 \RequirePackage{bm}
6 \RequirePackage{esint}
7 \PassOptionsToPackage{b}{esvect}
8 \RequirePackage{esvect}
10 \RequirePackage{xcolor}
11 \RequirePackage{hyperref}
12 \RequirePackage{listings}
14 \RequirePackage{iftex}
15 \RequirePackage{kvoptions}
16 %% ))
8.2 Package options
17 \SetupKeyvalOptions{
      family=hsr,
19
      prefix=hsr@
20 }
21
```

22 %% Enable backwards-compatibility 23 \DeclareBoolOption[false]{legacy}

```
25\ \text{\%} Do not renew LaTeX Macros
26 \DeclareBoolOption[false] {dontrenew}
28 %% Vector style
29 \verb|\DeclareBoolOption[false]{arrowvec}|
30 \DeclareComplementaryOption{boldvec}{arrowvec}
32 %% Vector derivative style
33 \DeclareBoolOption[false]{textvecdiff}
34 \DeclareComplementaryOption{delvecdiff}{textvecdiff}
37 %% Process options
38 \ProcessLocalKeyvalOptions*
8.3 Summary notation
39 %% TODO: change letters in german
40 \newcommand{\bookref}[1]{\texttt{\textcolor{hsr-mauve}{P.#1}}}
41 \newcommand{\notesref}[1]{\texttt{\textcolor{hsr-blue}{S.#1}}}
42 \end{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\c
8.4 Default theming
43 %% Theming for hyperref and listings ((
44 \hypersetup{
45
               colorlinks=true,
              linkcolor=hsr-black,
47
               citecolor=hsr-mauve,
48
               filecolor=hsr-black,
49
              urlcolor=hsr-blue,
50 }
51
52 %% Common listings settings
53 \lstdefinestyle{hsr-base}{
              belowcaptionskip=\baselineskip,
54
              breaklines=true,
55
              frame=none,
56
              inputencoding=utf8,
57
              % margin
59
              xleftmargin=\parindent,
60
              % numbers
61
              numbers=left,
62
              numbersep=5pt,
              numberstyle=\ttfamily\footnotesize\color{hsr-black40},
63
               % background
64
               backgroundcolor=\color{white},
65
               showstringspaces=false,
66
               % default language
               language=[LaTeX]TeX,
               % font
69
               basicstyle=\ttfamily\small,
70
               identifierstyle=\color{hsr-black},
71
               keywordstyle=\color{hsr-blue},
72
               commentstyle=\color{hsr-black40},
73
               stringstyle=\color{hsr-mauve80},
74
75 }
77 %% Define missing languages / aliases
78 \lstdefinelanguage{LaTeX}{
               language=[LaTeX]Tex
80 }
```

```
82 %% Set style
   83 \lstset{style=hsr-base, escapechar=`}
   84 %%))
   8.5 Mathematics
   8.5.1 Vectors
   85 %% Vector ((
   86 \newcommand{\hsrvecbold}[1]{\mathbf{\boldsymbol{#1}}}
   87 \newcommand{\hsrvecarrow}[1]{\vv{\mathrm{#1}}} % from esvect
   89 \newcommand{\@hsrvecf}[1]{\hsrvecbold{#1}}
   90 \ifhsr@arrowvec
                           \renewcommand{\@hsrvecf}[1]{\hsrvecarrow{#1}}
   91
   92\fi
   93
   94 \newcommand{\vc}{\@hsrvecf}
   95 \ifhsr@dontrenew\else
                           % save previous command
                           \mbox{\newcommand{\vaccent}_{v}}
                           \newcommand{\oldvec}{\vec}
   98
   99
                           % redefine
100
                           101
                           \renewcommand{\vec}[1]{\@hsrvecf{#1}}
102 \fi
103 %%))
104
105 %% Unit vector ((
106 \newcommand{\hsruvecbold}[1]{\vec{\hat{#1}}}
107 \newcommand{\hsruvecarrow}[1]{\hat{1}}
108 \newcommand{\@hsruvecf}[1]{\hsruvecbold{#1}}
109 \ifhsr@arrowvec
                           \renewcommand{\@hsruvecf}[1]{\hsruvecarrow{#1}}
110
111 \fi
112
113 \mbox{\newcommand} \uv}[1]{\newcommand}
114 \newcommand{\uvec}[1]{\@hsruvecf{#1}}
115 %%))
116
117 %% Products ((
118 \newcommand{\dotp}{\boldsymbol\cdot}
119 \newcommand{\crossp}{\boldsymbol\times}
120 \mbox{ } \mbox{
121 %%))
   8.5.2 Matrices and Tensors
122 \mbox{ } 121 \mbox{ } 111 \mbox{ } 111 \mbox{ } 121 \mbox{ } 122 \mbox{ } 122
123 \newcommand{\ten}[1]{\underline{\mathbf{\boldsymbol{#1}}}}
   8.5.3 Equalities
124 \end{\operatorname{\heq}_{\text{\hat}_{\text{H}}}_{=}}
   8.6 Derivatives
   8.6.1 Differentials
125 \newcommand{\dd}[2][]{\mathrm{d}^{#1} #2}
126 \mbox{ } 126 \mbox{ } 126 \mbox{ } [2] [] {\,\dd[#1]{#2}}
   8.6.2 Derivatives
```

127 \newcommand{\deriv}[3][]{\frac{\dd[#1]{#2}}{\dd[]{#3^{#1}}}}

```
128 \newcommand{\pderiv}[3][]{\frac{\partial^{#1} #2}{\partial #3^{#1}}}
 8.6.3 Vector derivatives
129 %% Gradient ((
130 \ifhsr@textvecdiff
       \DeclareMathOperator{\grad}{grad}
132 \ensuremath{\setminus} else
       \DeclareMathOperator{\grad}{\nabla}
133
134 \fi
135 %% ))
136
137 %% Divergence ((
138 \ifhsr@textvecdiff
       \newcommand{\@hsrdivf}{div}
140 \ensuremath{\setminus} else
141
       \newcommand{\@hsrdivf}{\nabla\cdot}
142 \fi
143
144 \DeclareMathOperator{\divg}{\@hsrdivf}
145 \ifhsr@dontrenew\else
       \let\divsymb=\div
146
147
       \renewcommand{\div}{\operatorname{\@hsrdivf}}
148 \fi
149 %% ))
151 %% Curl ((
152 \ifhsr@textvecdiff
       \DeclareMathOperator{\curl}{curl}
154 \ensuremath{\setminus} else
155
       \DeclareMathOperator{\curl}{\nabla\times}
156 \fi
157 %% ))
158
159 %% laplacian ((
160 \ifhsr@textvecdiff
       \DeclareMathOperator{\laplace}{div grad}
161
162 \else
163
       \DeclareMathOperator{\laplace}{\nabla^2}
164 \fi
165 %% ))
8.7 Colors
166 \definecolor{hsr-blue}{HTML}{0065A3}
167 \definecolor{hsr-blue80}{HTML}{3384B5}
168 \definecolor{hsr-blue60}{HTML}{66A3C8}
169 \definecolor{hsr-blue40}{HTML}{99C1DA}
170 \definecolor{hsr-blue20}{HTML}{CCE0ED}
171
172 \definecolor{hsr-mauve}{HTML}{6E1C50}
173 \definecolor{hsr-mauve80}{HTML}{8B4973}
174 \definecolor{hsr-mauve60}{HTML}{A87796}
175 \definecolor{hsr-mauve40}{HTML}{C5A4B9}
176 \definecolor{hsr-mauve20}{HTML}{E2D2DC}
177
178 \definecolor{hsr-lakegreen}{HTML}{548C86}
179 \definecolor{hsr-lakegreen80}{HTML}{76A39E}
180 \definecolor{hsr-lakegreen60}{HTML}{98BAB6}
181 \definecolor{hsr-lakegreen40}{HTML}{BBD1CF}
182 \definecolor{hsr-lakegreen20}{HTML}{DDE8E7}
184 \definecolor{hsr-reed}{HTML}{7B6951}
```

```
185 \definecolor{hsr-reed80}{HTML}{958774}
186 \definecolor{hsr-reed60}{HTML}{BOA597}
187 \definecolor{hsr-reed40}{HTML}{CAC3B9}
188 \definecolor{hsr-reed20}{HTML}{E5E1DC}
190 \definecolor{hsr-petrol}{HTML}\{00738D\}
191 \definecolor{hsr-petrol80}{HTML}{338FA4}
192 \definecolor{hsr-petrol60}{HTML}{66ABBB}
193 \definecolor{hsr-petrol40}{HTML}{99C7D1}
194 \definecolor{hsr-petrol20}{HTML}{CCE3E8}
196 \definecolor{hsr-basswood}{HTML}{BABD5D}
197 \definecolor{hsr-basswood80}{HTML}{C8CA7D}
198 \definecolor{hsr-basswood60}{HTML}{D6D79E}
199 \definecolor{hsr-basswood40}{HTML}{E3E5BE}
200 \definecolor{hsr-basswood20}{HTML}{F1F2DF}
202 \definecolor{hsr-lightgrey}{HTML}{C6C7C8}
203 \definecolor{hsr-lightgrey80}{HTML}{D1D2D3}
204 \definecolor{hsr-lightgrey60}{HTML}{DDDDDE}
205 \definecolor{hsr-lightgrey40}{HTML}{E8E8E9}
206 \definecolor{hsr-lightgrey20}{HTML}{F4F4F4}
208 \definecolor{hsr-black}{HTML}{1A171B}
209 \definecolor{hsr-black80}{HTML}\{484549\}
210 \definecolor{hsr-black60}{HTML}{767476}
211 \ensuremath{\mbox{\sc hsr-black40}} \{\mbox{\sc HTML}\} \{\mbox{\sc A4A2A4}\}
212 \definecolor{hsr-black20}{HTML}{D1D1D1}
```

9 Legacy code

```
213 \ifhsr@legacy
214 %% Makros für Titel, Autor und Datum ((
215 %% Dank diesem Makro stehen Titel, Autor und Datum überall im Dokument zur verfügung
216 %% Date hat zudem den Default-Wert \today
217 \def\@Title{}
218 \def\@Author{}
219 \def\@Date{\today}
220 \mbox{ } \mbox{\footnote{Ittle}}{\column{tritle}}
221 \mbox{ \newcommand{\Author}{\Author}}
222 \mbox{\Date}{\Date}
223 \AtBeginDocument{%
224 \let\@Title\@title
225
            \let\@Author\@author
226
            \let\@Date\@date
227 }
228 %% ))
230 %% Makros für den Arraystretch ((
231 %% bei uns meist in Tabellen genutzt, welche Formeln enthalten
233 %% Default Value
234 \def\QArrayStretchDefault{1} % Entspricht der Voreinstellung von Latex
236 %% Setzt einen neuen Wert für den arraystretch
237 \newcommand{\setArrayStretch}[1]{\renewcommand{\arraystretch}{#1}}
239 %% Setzt den arraystretch zurück auf den default wert
240 \verb| newcommand{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\resetArrayStretch}{\reset
242 %% Makro zum setzten des Default arraystretch.
```

```
243 %% Kann nur in der Präambel verwendet werden.
244 \newcommand{\setDefaultArrayStretch}[1]{%
245 \AtBeginDocument{%
246 \ensuremath{\mbox{def}\mbox{\mbox{$\mathbb{Q}$ArrayStretchDefault}$\#1}}
247 \renewcommand{\arraystretch}{\#1}
248 }
249 }
250 %% ))
252 %% Command for images in table
253 \newcommand\tabImg[2][]{%
              \raisebox{Opt}[\dimexpr\totalheight+\dp\strutbox\relax][\dp\strutbox]{%
255
                      \includegraphics[#1]{#2}%
256
257 }
258
259 %% Makros für Verweise auf ein Buch oder Skript ((
260 \end{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\command{\
261 \newcommand{\buchSeite} [1] {\texorpdfstring{\ensuremath{_{(\textcolor{red}{\mbox{\small{ S#1}}}}}}} ]} }
262 \mbox{\small{#1}}} $$
264 %% ))
266 \setlength{\parindent}{0pt}
267
268 %% Todo command
269 \newcommand{\todo}[1]{\textbf{\color{red}{TO DO: #1}}}
270
271 %% Color names ((
272 \colorlet{HSRWhite}{white}
274 \colorlet{HSRBlue}{hsr-blue}
275 \colorlet{HSRBlue80}{hsr-blue80}
276 \colorlet{HSRBlue60}{hsr-blue60}
277 \colorlet{HSRBlue40}{hsr-blue40}
278 \colorlet{HSRBlue20}{hsr-blue20}
280 \colorlet{HSRLightGray}{hsr-lightgrey}
281 \colorlet{HSRLightGray80}{hsr-lightgrey80}
282 \colorlet{HSRLightGray60}{hsr-lightgrey60}
283 \colorlet{HSRLightGray40}{hsr-lightgrey40}
284 \colorlet{HSRLightGray20}{hsr-lightgrey20}
286 \colorlet{HSRSchwarz}{hsr-black}
287 \colorlet{HSRSchwarz80}{hsr-black80}
288 \colorlet{HSRSchwarz60}{hsr-black60}
289 \colorlet{HSRSchwarz40}{hsr-black40}
290 \colorlet{HSRSchwarz20}{hsr-black20}
292 \colorlet{HSRHematite}{hsr-mauve}
293 \colorlet{HSRHematite80}{hsr-mauve80}
294 \colorlet{HSRHematite60}{hsr-mauve60}
295 \colorlet{HSRHematite40}{hsr-mauve40}
296 \colorlet{HSRHematite20}{hsr-mauve20}
298 \colorlet{HSRLakeGreen}{hsr-lakegreen}
299 \colorlet{HSRLakeGreen80}{hsr-lakegreen80}
300 \colorlet{HSRLakeGreen60}{hsr-lakegreen60}
301 \colorlet{HSRLakeGreen40}{hsr-lakegreen40}
302 \colorlet{HSRLakeGreen20}{hsr-lakegreen20}
303
```

```
304 \colorlet{HSRReed}{hsr-reed}
305 \colorlet{HSRReed80}{hsr-reed80}
306 \colorlet{HSRReed60}{hsr-reed60}
307 \verb|\colorlet{HSRReed40}{hsr-reed40}|
308 \colorlet{HSRReed20}{hsr-reed20}
310 \verb|\colorlet{HSRPetrol}{hsr-petrol}|
311 \colorlet{HSRPetrol80}{hsr-petrol80}
313 \colorlet{HSRPetrol40}{hsr-petrol40}
320 \verb|\colorlet{HSRBasswood20}{ hsr-basswood20}|
321 %% ))
323 \fi %% ifhsr@legacy
```